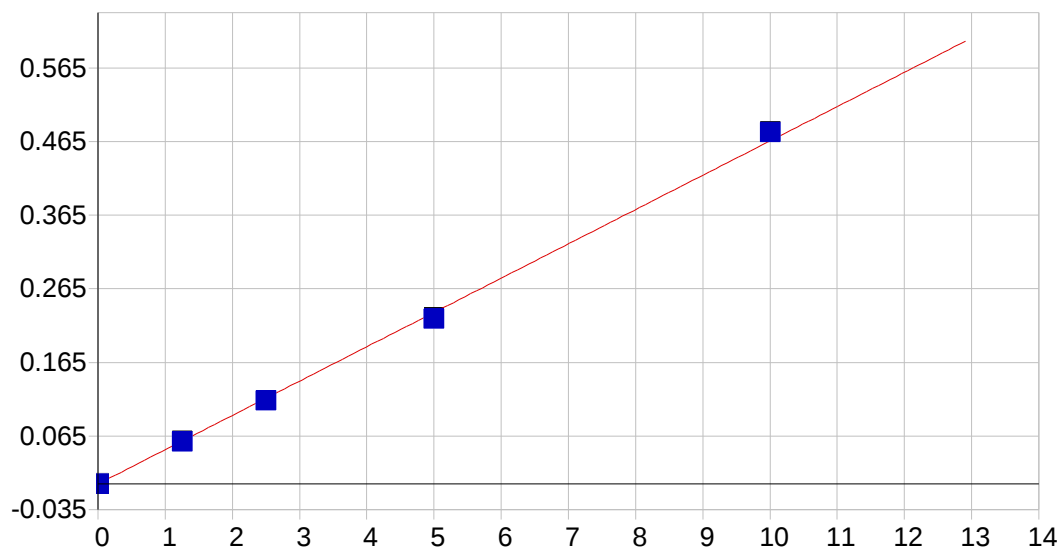




As 189.042 {479}

Date of Fit: 1/24/2018 14:27:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000164

Re-Slope: 1.000000

A1 (Gain): 0.046594

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999611

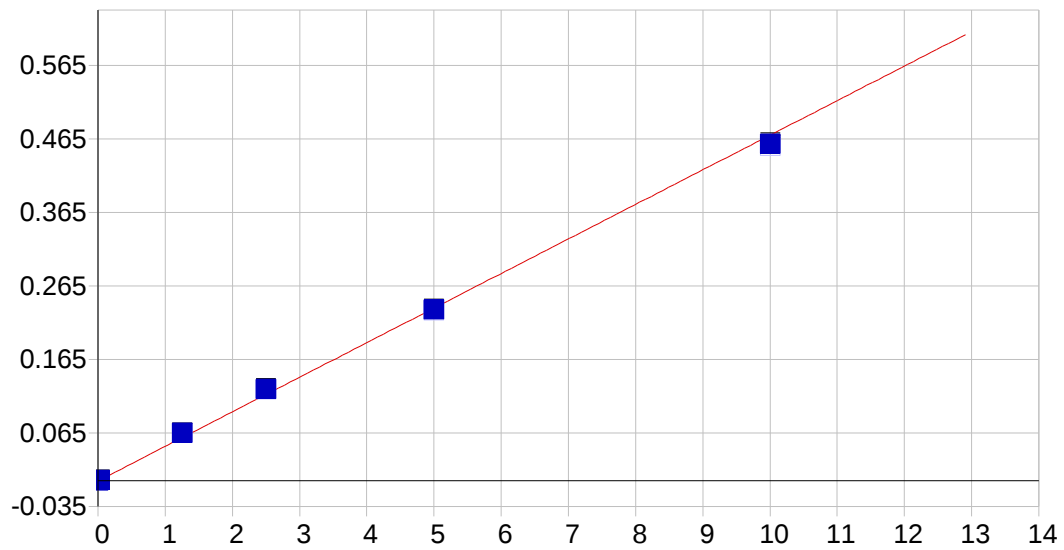
Status: OK.

Std Error of Est: 0.000022

Predicted MDL: 0.003081

Predicted MQL: 0.010271

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.01000	.01113	.001	11.3	.00035	.000	1
S2	1.2500	1.2414	-.009	-.685	.05769	.000	1
S3	2.5000	2.4335	-.066	-2.66	.11324	.000	1
S4	5.0000	4.8223	-.178	-3.55	.22456	.001	1
S5	10.000	10.252	.252	2.52	.47757	.001	1



TI 190.856 {477}

Date of Fit: 1/24/2018 14:27:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000281

Re-Slope: 1.000000

A1 (Gain): 0.047007

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999106

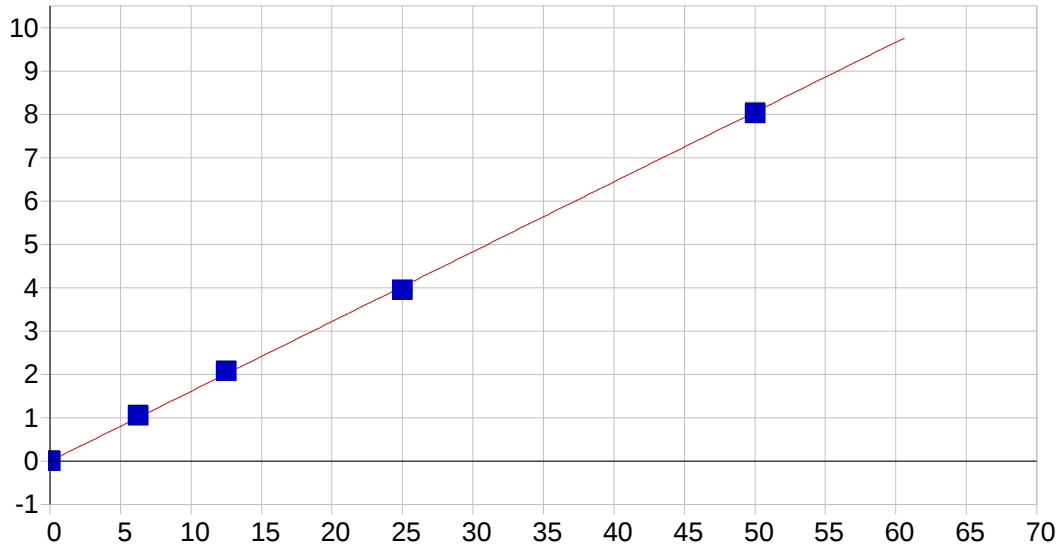
Status: OK.

Std Error of Est: 0.000052

Predicted MDL: 0.002034

Predicted MQL: 0.006779

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00028	.000	1
S1	.02500	.02810	.003	12.4	.00102	.000	1
S2	1.2500	1.3903	.140	11.2	.06472	.000	1
S3	2.5000	2.6592	.159	6.37	.12401	.001	1
S4	5.0000	4.9524	-.048	-.952	.23109	.001	1
S5	10.000	9.7451	-.255	-2.55	.45496	.001	1

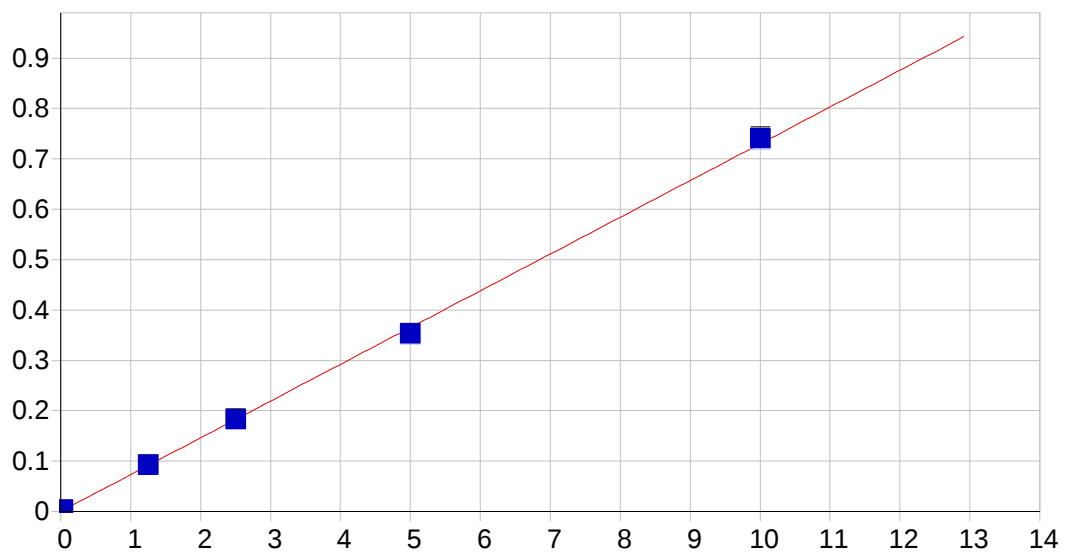


Pb 220.353 {453}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000122 Re-Slope: 1.000000
 A1 (Gain): 0.161052 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999815 Status: OK.
 Std Error of Est: 0.000116
 Predicted MDL: 0.001415
 Predicted MQL: 0.004716

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00012	.000	1
S1	.01000	.00956	.000	-4.37	.00143	.000	1
S2	6.2500	6.5465	.297	4.74	1.0558	.001	1
S3	12.500	12.865	.365	2.92	2.0750	.004	1
S4	25.000	24.512	-.488	-1.95	3.9539	.009	1
S5	50.000	49.826	-.174	-.348	8.0371	.007	1



Date of Fit: 1/24/2018 14:27:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000224

Re-Slope: 1.000000

A1 (Gain): 0.072981

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999779

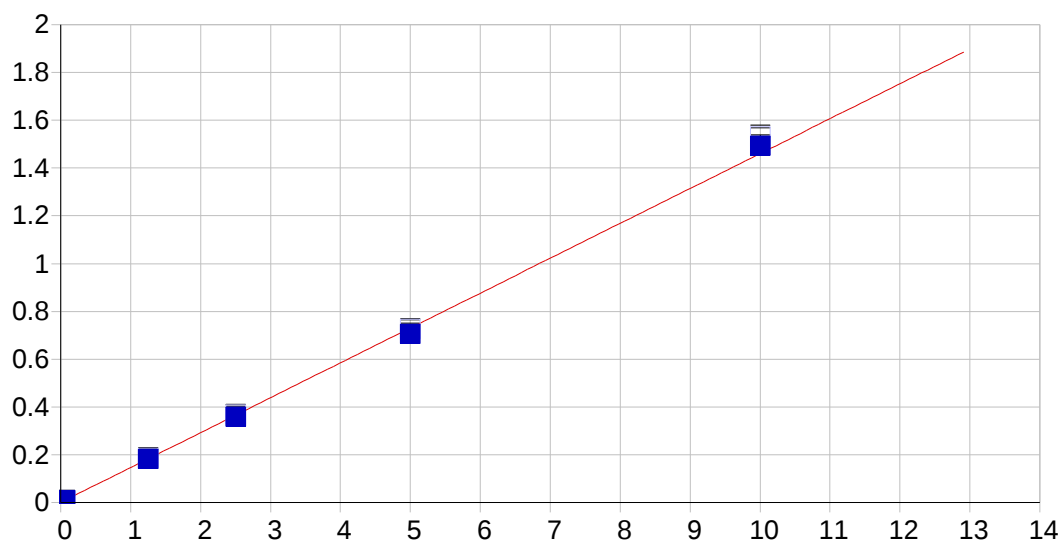
Status: OK.

Std Error of Est: 0.000048

Predicted MDL: 0.002569

Predicted MQL: 0.008562

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.03500	.03681	.002	5.18	.00291	.000	1
S2	1.2500	1.2711	.021	1.69	.09256	.000	1
S3	2.5000	2.5037	.004	.146	.18209	.001	1
S4	5.0000	4.8309	-.169	-3.38	.35107	.001	1
S5	10.000	10.143	.143	1.43	.73702	.003	1

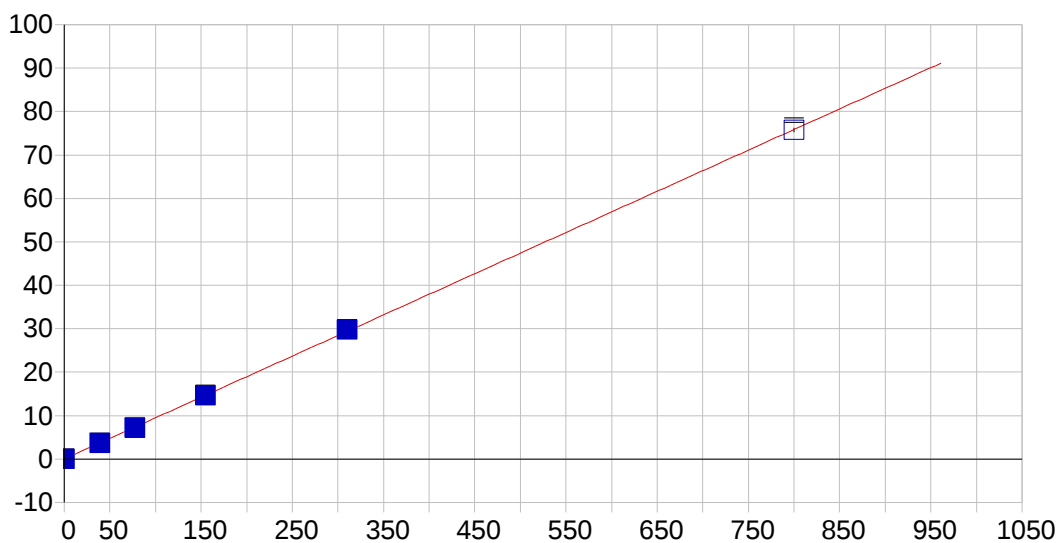


Sb 206.833 {463}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000380 Re-Slope: 1.000000
 A1 (Gain): 0.146010 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999714 Status: OK.
 Std Error of Est: 0.000148
 Predicted MDL: 0.001394
 Predicted MQL: 0.004646

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.06000	.05947	-.001	-.885	.00906	.000	1
S2	1.2500	1.2448	-.005	-.415	.18711	.000	1
S3	2.5000	2.4522	-.048	-1.91	.36837	.001	1
S4	5.0000	4.8331	-.167	-3.34	.72594	.003	1
S5	10.000	10.220	.220	2.20	1.5324	.005	1

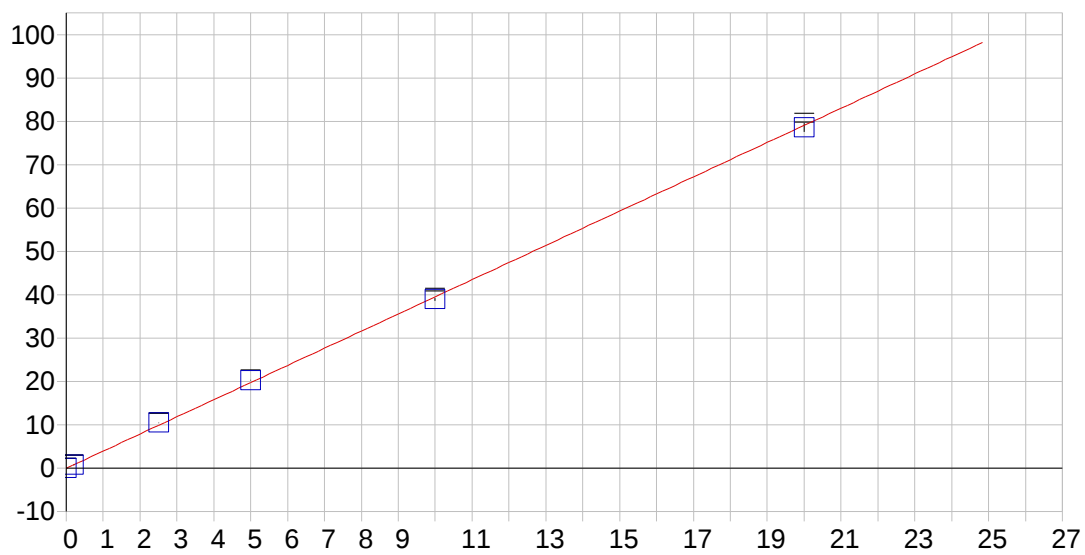


AI 396.152 { 85}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000394 Re-Slope: 1.000000
 A1 (Gain): 0.094833 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999973 Status: OK.
 Std Error of Est: 0.000430
 Predicted MDL: 0.005616
 Predicted MQL: 0.018720

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00039	.000	1
S1	.20000	.19717	-.003	-1.42	.01833	.001	1
S2	38.750	39.018	.268	.691	3.7032	.017	1
S3	77.500	76.172	-1.33	-1.71	7.2300	.058	1
S4	155.00	153.91	-1.09	-.703	14.609	.083	1
S5	310.00	313.47	3.47	1.12	29.755	.085	1
S6	800.00	798.68	-1.32	-.165	75.741	.497	1

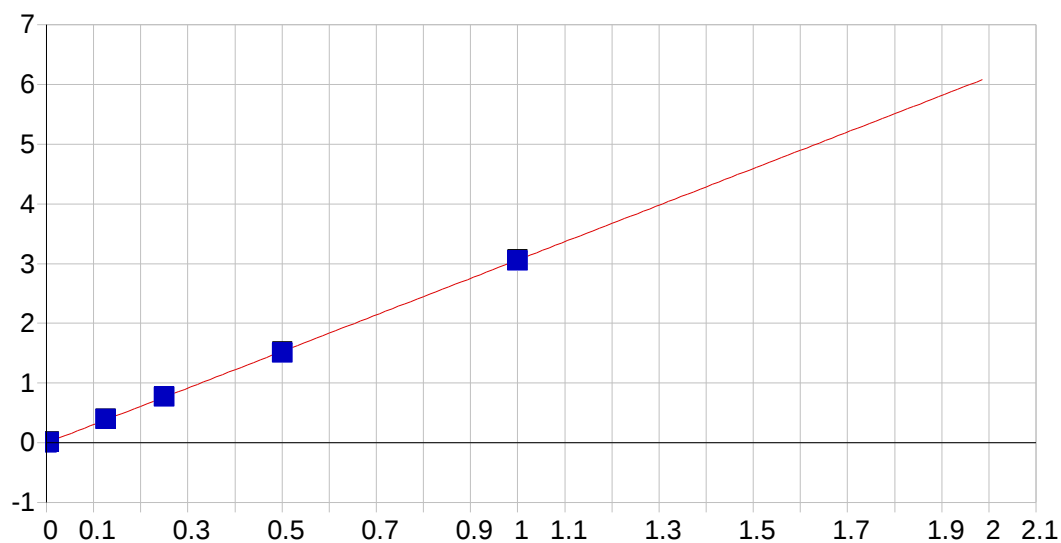


Ba 493.409 { 68}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.030352 Re-Slope: 1.000000
 A1 (Gain): 3.953611 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999792 Status: OK.
 Std Error of Est: 0.008572
 Predicted MDL: 0.000325
 Predicted MQL: 0.001084

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	-.03042	.001	1
S1	.20000	.20482	.005	2.41	.77941	.003	1
S2	2.5000	2.6473	.147	5.89	10.436	.030	1
S3	5.0000	5.1349	.135	2.70	20.271	.078	1
S4	10.000	9.8463	-.154	-1.54	38.898	.314	1
S5	20.000	19.867	-.133	-.667	78.515	1.01	1



Be 234.861 {144}

Date of Fit: 1/24/2018 14:27:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.001816

Re-Slope: 1.000000

A1 (Gain): 3.061348

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999902

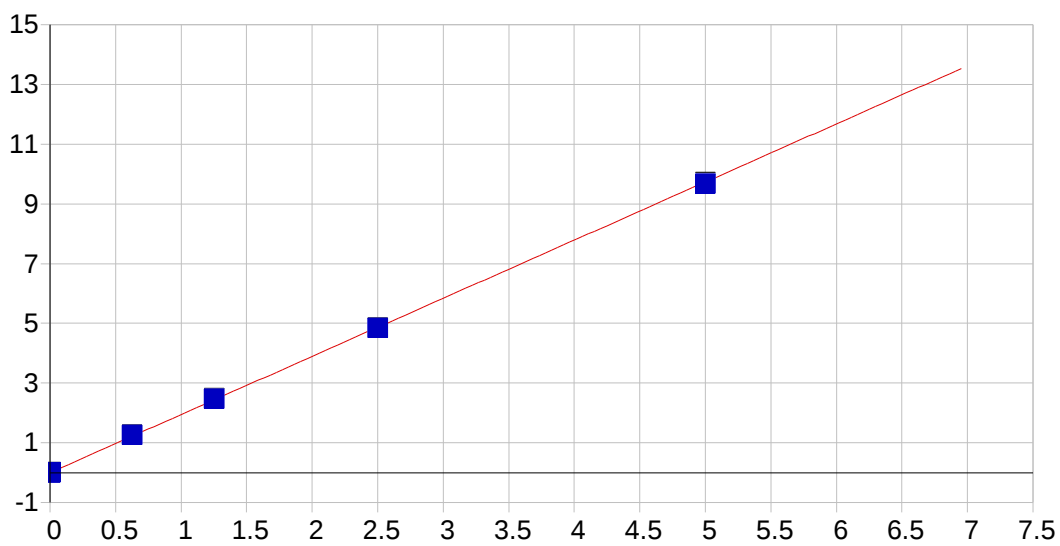
Status: OK.

Std Error of Est: 0.000160

Predicted MDL: 0.000083

Predicted MQL: 0.000278

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00182	.000	1
S1	.00500	.00544	.000	8.80	.01482	.000	1
S2	.12500	.13039	.005	4.31	.39568	.001	1
S3	.25000	.25246	.002	.985	.76771	.002	1
S4	.50000	.49446	-.006	-1.11	1.5052	.010	1
S5	1.0000	.99724	-.003	-.276	3.0377	.019	1



Cd 214.438 {457}

Date of Fit: 1/24/2018 14:27:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000360

Re-Slope: 1.000000

A1 (Gain): 1.946343

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999932

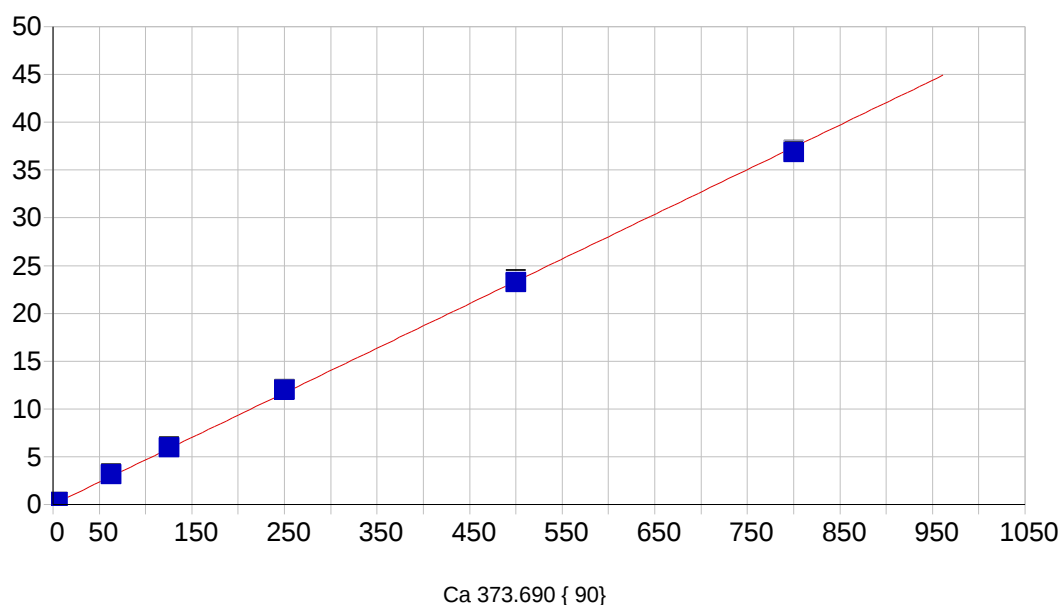
Status: OK.

Std Error of Est: 0.000191

Predicted MDL: 0.000084

Predicted MQL: 0.000281

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00036	.000	1
S1	.00500	.00483	.000	-3.36	.00905	.000	1
S2	.62500	.64513	.020	3.22	1.2578	.001	1
S3	1.2500	1.2720	.022	1.76	2.4805	.008	1
S4	2.5000	2.4847	-.015	-.613	4.8457	.003	1
S5	5.0000	4.9733	-.027	-.534	9.6994	.027	1



Date of Fit: 1/24/2018 14:27:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001508

Re-Slope: 1.000000

A1 (Gain): 0.046719

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999776

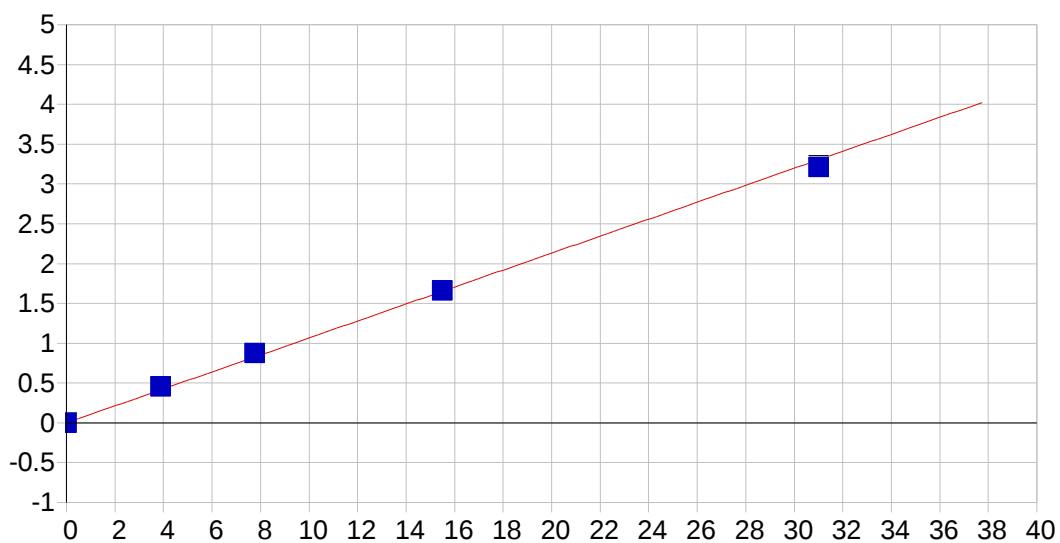
Status: OK.

Std Error of Est: 0.003471

Predicted MDL: 0.009763

Predicted MQL: 0.032545

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00076	-.001	.000	.00147	.000	1
S1	5.0000	5.2295	.229	4.59	.24585	.003	1
S2	62.500	67.361	4.86	7.78	3.1589	.036	1
S3	125.00	127.81	2.81	2.24	5.9933	.028	1
S4	250.00	256.22	6.22	2.49	12.014	.061	1
S5	500.00	497.62	-2.38	-.476	23.333	.205	1
S6	800.00	788.29	-11.7	-1.46	37.051	.055	1

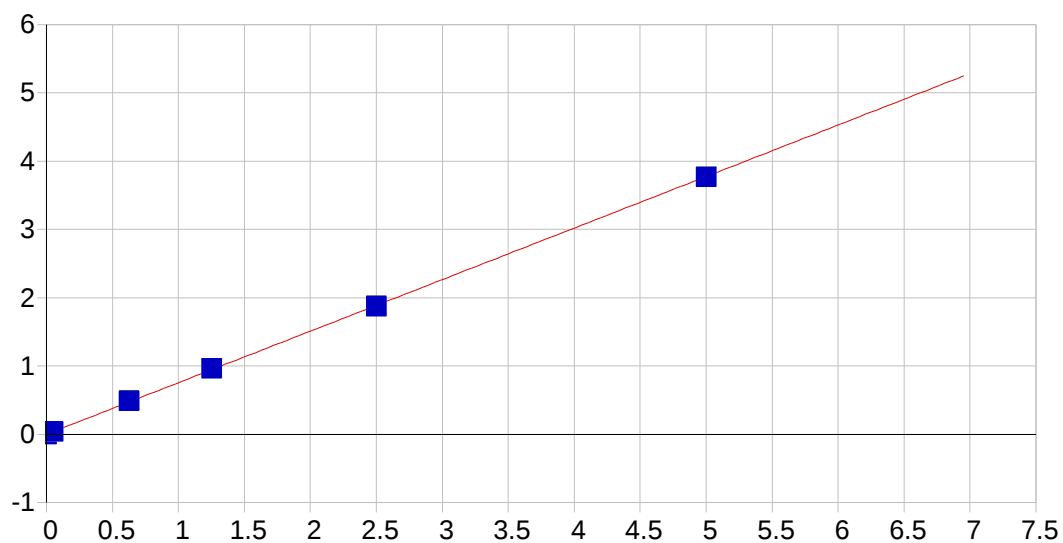


Cr 267.716 {126}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000019 Re-Slope: 1.000000
 A1 (Gain): 0.106568 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999257 Status: OK.
 Std Error of Est: 0.000121
 Predicted MDL: 0.000574
 Predicted MQL: 0.001912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00002	.000	1
S1	.01000	.01074	.001	7.43	.00113	.000	1
S2	3.8750	4.2633	.388	10.0	.45464	.002	1
S3	7.7500	8.1787	.429	5.53	.87223	.002	1
S4	15.500	15.543	.043	.276	1.6577	.004	1
S5	31.000	30.140	-.860	-2.78	3.2145	.015	1



Co 228.616 {448}

Date of Fit: 1/24/2018 14:27:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000089

Re-Slope: 1.000000

A1 (Gain): 0.755054

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999922

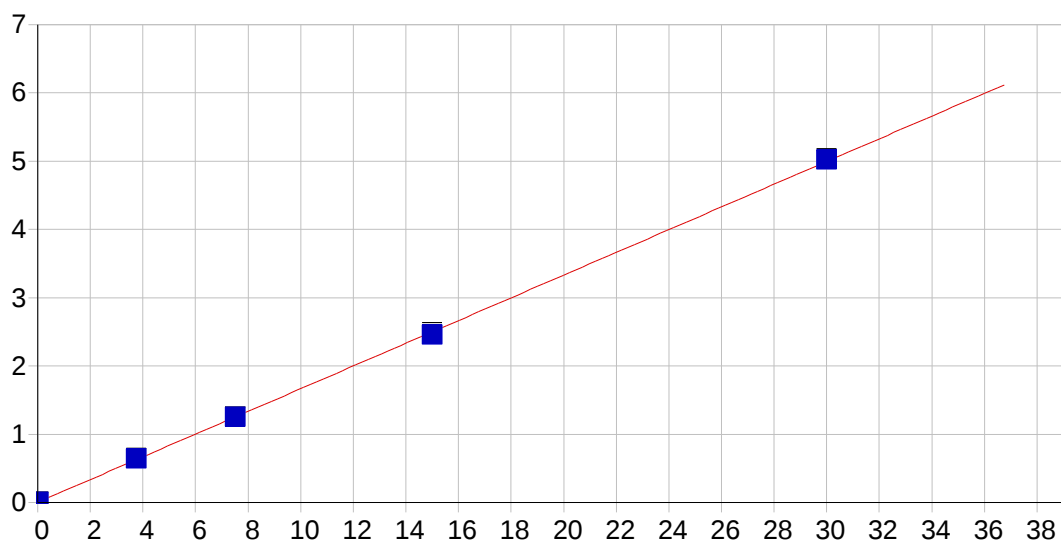
Status: OK.

Std Error of Est: 0.000251

Predicted MDL: 0.000214

Predicted MQL: 0.000712

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.05000	.04634	-.004	-7.31	.03504	.000	1
S2	.62500	.64559	.021	3.29	.48830	.000	1
S3	1.2500	1.2697	.020	1.58	.96050	.004	1
S4	2.5000	2.4800	-.020	-.800	1.8762	.003	1
S5	5.0000	4.9833	-.017	-.333	3.7701	.004	1

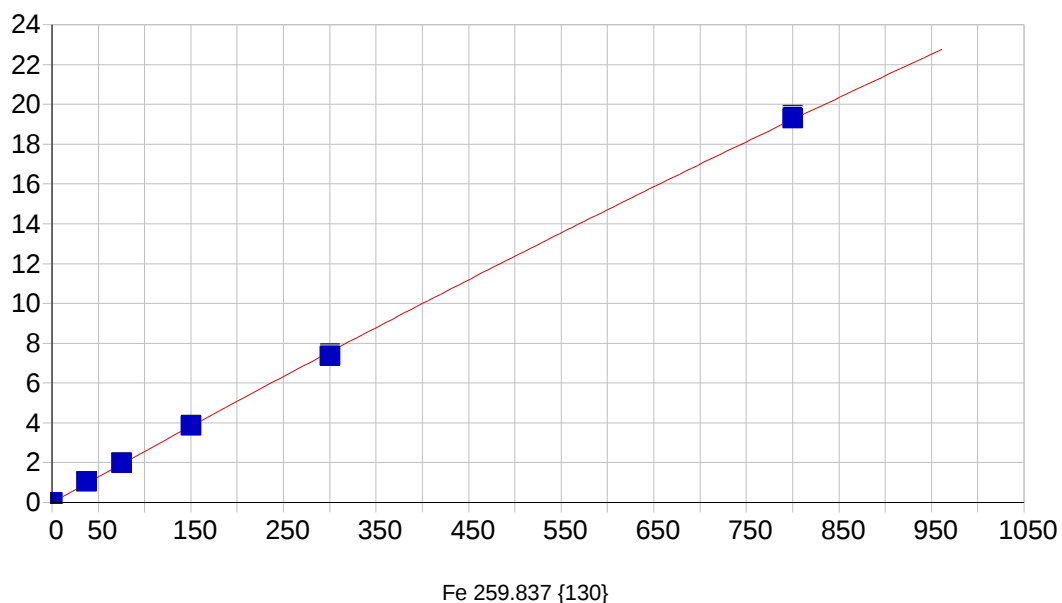


Cu 324.754 {104}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003352 Re-Slope: 1.000000
 A1 (Gain): 0.166394 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000094
 Predicted MDL: 0.001730
 Predicted MQL: 0.005767

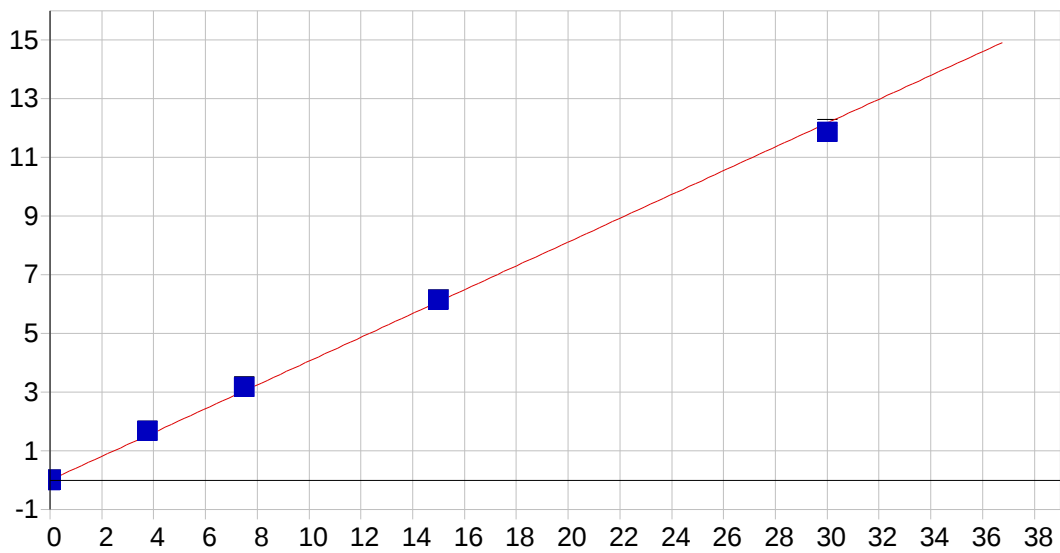
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00335	.000	1
S1	.02500	.02218	-.003	-11.3	.00703	.000	1
S2	3.7500	3.8504	.100	2.68	.64365	.003	1
S3	7.5000	7.5019	.002	.025	1.2508	.007	1
S4	15.000	14.739	-.261	-1.74	2.4542	.036	1
S5	30.000	30.162	.162	.539	5.0190	.015	1



Date of Fit: 1/24/2018 14:27:35 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000188 Re-Slope: 1.000000
 A1 (Gain): 0.025895 Y-int: 0.000000
 A2 (Curvature): -0.000002
 n (Exponent): 1.000000
 Correlation: 0.999804 Status: OK.
 Std Error of Est: 0.000239
 Predicted MDL: 0.006603
 Predicted MQL: 0.022010

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00019	.000	1
S1	.10000	.10460	.005	4.60	.00295	.000	1
S2	37.500	40.515	3.02	8.04	1.0507	.009	1
S3	75.000	76.772	1.77	2.36	1.9850	.017	1
S4	150.00	150.47	.472	.315	3.8651	.019	1
S5	300.00	291.87	-8.13	-2.71	7.4026	.060	1
S6	800.00	802.92	2.92	.364	19.394	.058	1

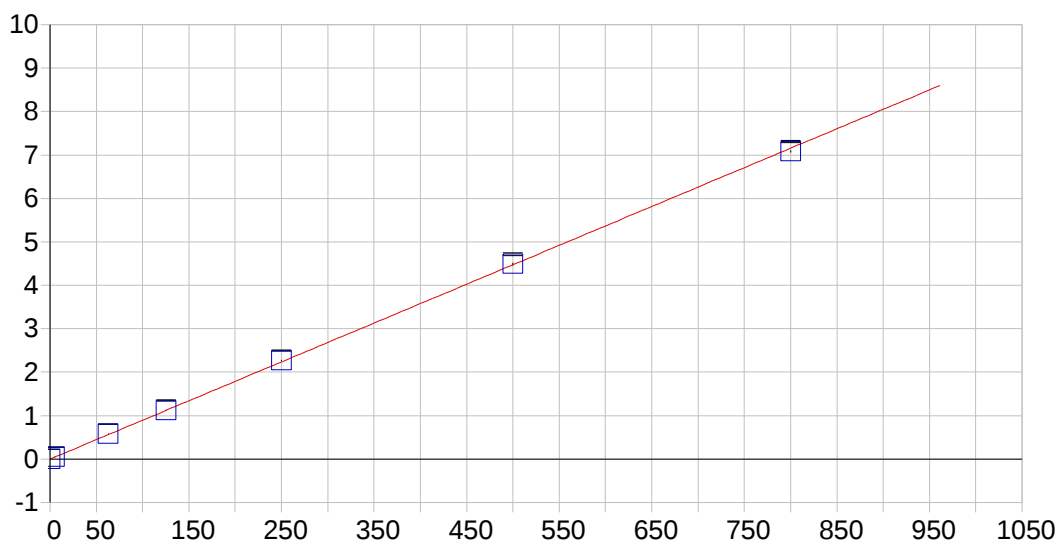


Mn 257.610 {131}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000043 Re-Slope: 1.000000
 A1 (Gain): 0.405858 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999404 Status: OK.
 Std Error of Est: 0.000499
 Predicted MDL: 0.000423
 Predicted MQL: 0.001410

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01500	.01661	.002	10.8	.00670	.000	1
S2	3.7500	4.1054	.355	9.48	1.6665	.016	1
S3	7.5000	7.8024	.302	4.03	3.1673	.021	1
S4	15.000	15.119	.119	.794	6.1375	.026	1
S5	30.000	29.222	-.778	-2.59	11.863	.103	1

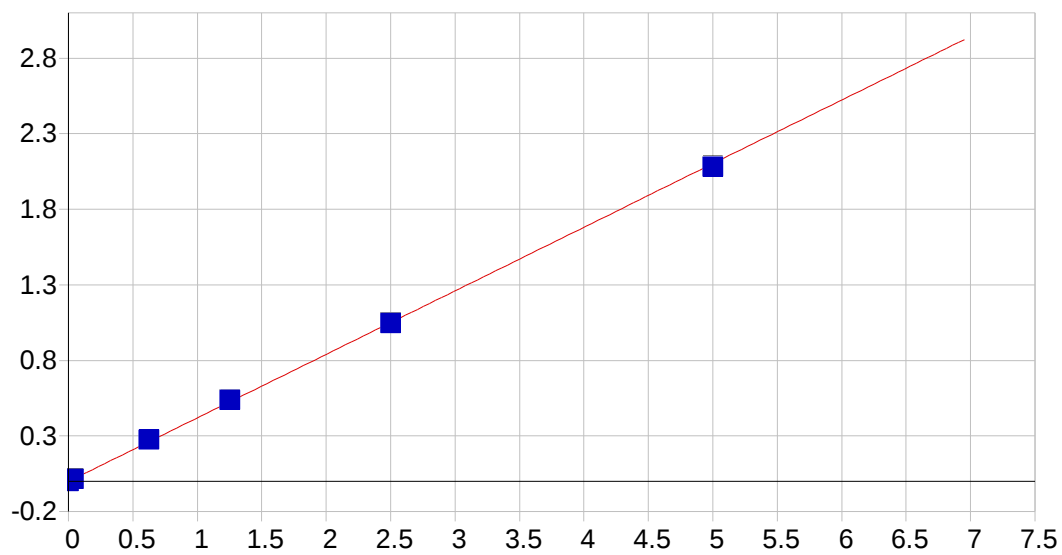


Mg 279.079 {121}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000217 Re-Slope: 1.000000
 A1 (Gain): 0.008945 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999933 Status: OK.
 Std Error of Est: 0.000362
 Predicted MDL: 0.022482
 Predicted MQL: 0.074941

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00021	.000	.000	-.00022	.000	1
S1	5.0000	4.9626	-.037	-.748	.04417	.000	1
S2	62.500	64.714	2.21	3.54	.57866	.004	1
S3	125.00	125.59	.592	.473	1.1232	.009	1
S4	250.00	253.86	3.86	1.54	2.2706	.011	1
S5	500.00	501.75	1.75	.349	4.4880	.032	1
S6	800.00	791.63	-8.37	-1.05	7.0811	.025	1

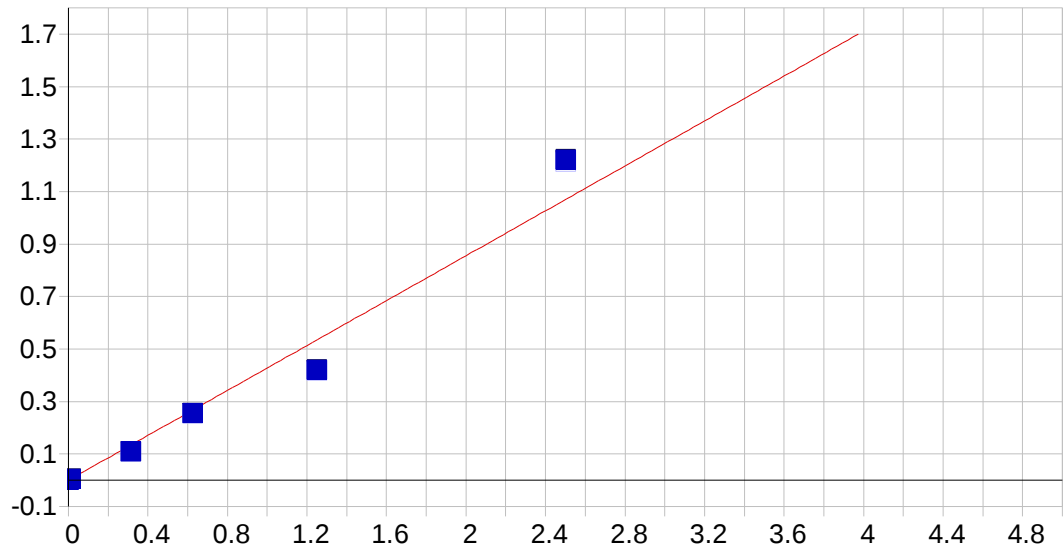


Ni 231.604 {446}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000931 Re-Slope: 1.000000
 A1 (Gain): 0.420576 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999843 Status: OK.
 Std Error of Est: 0.000177
 Predicted MDL: 0.000393
 Predicted MQL: 0.001311

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00093	.000	1
S1	.04000	.03943	-.001	-1.43	.01566	.000	1
S2	.62500	.65587	.031	4.94	.27545	.000	1
S3	1.2500	1.2825	.032	2.60	.53953	.001	1
S4	2.5000	2.4893	-.011	-.429	1.0482	.000	1
S5	5.0000	4.9479	-.052	-1.04	2.0844	.001	1

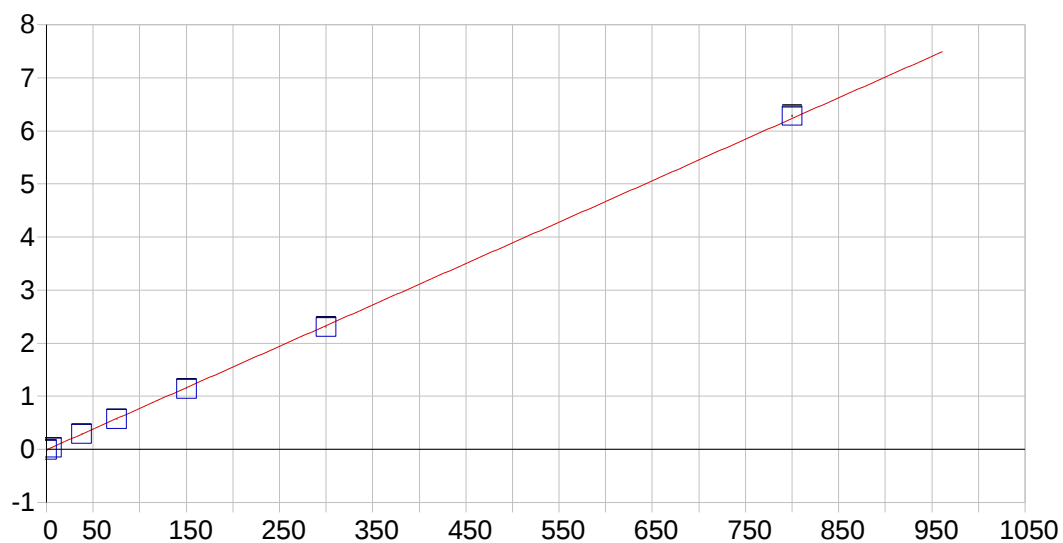


Ag 328.068 {103}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000091 Re-Slope: 1.000000
 A1 (Gain): 0.427783 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.987408 Status: OK.
 Std Error of Est: 0.000571
 Predicted MDL: 0.000278
 Predicted MQL: 0.000925

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00009	.000	1
S1	.01000	.00871	-.001	-12.9	.00361	.000	1
S2	.31250	.25603	-.056	-18.1	.10852	.001	1
S3	.62500	.59587	-.029	-4.66	.25299	.001	1
S4	1.2500	.98290	-.267	-21.4	.41673	.000	1
S5	2.5000	2.8540	.354	14.2	1.2135	.003	1



Na 818.326 { 41}

Date of Fit: 1/24/2018 14:27:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.007090

Re-Slope: 1.000000

A1 (Gain): 0.007798

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999924

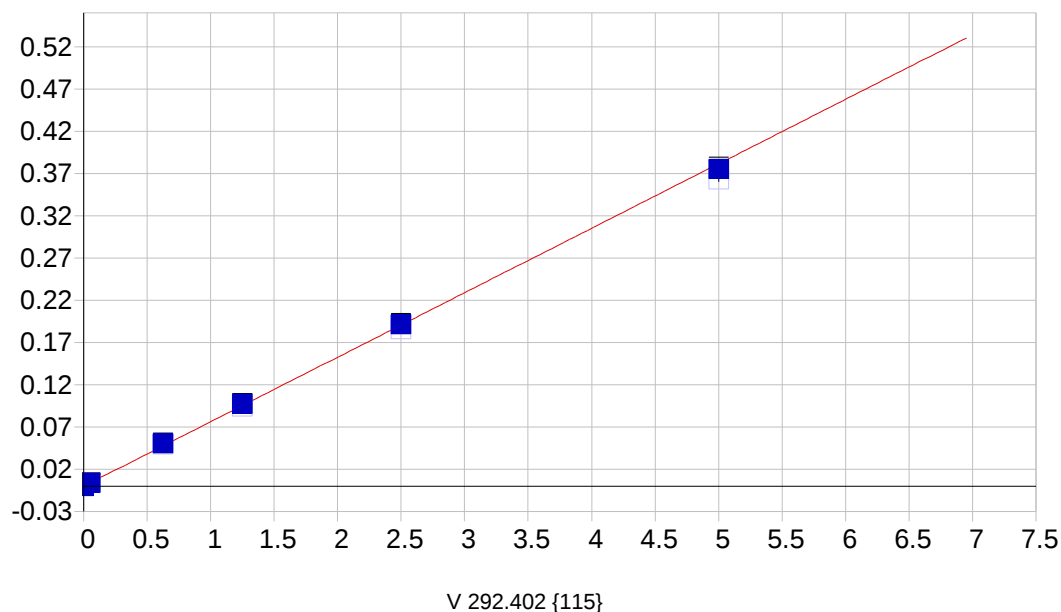
Status: OK.

Std Error of Est: 0.000297

Predicted MDL: 0.126827

Predicted MQL: 0.422755

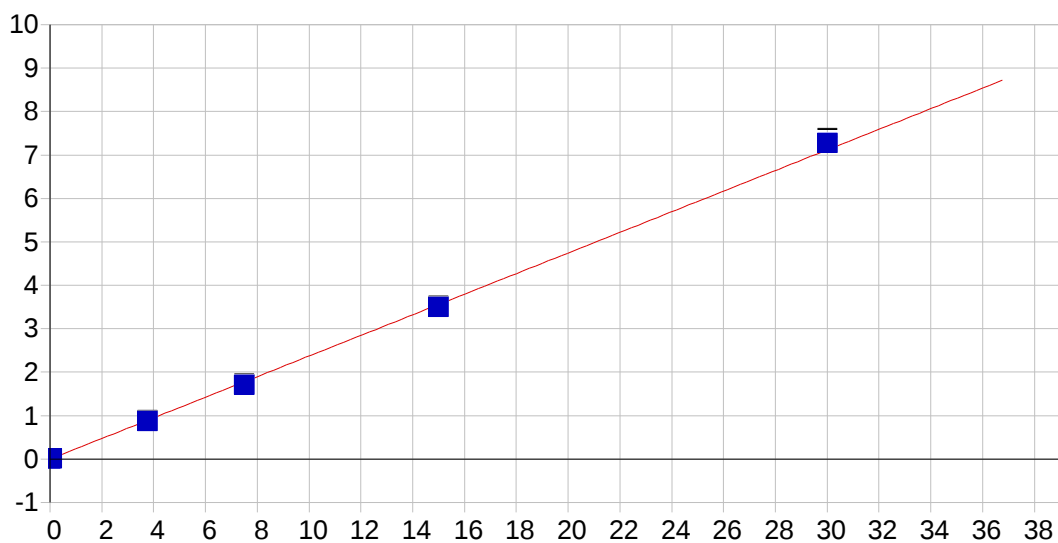
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	-.00709	.000	1
S1	5.0000	4.8827	-.117	-2.35	.03099	.000	1
S2	37.500	38.301	.801	2.13	.29160	.001	1
S3	75.000	74.014	-.986	-1.31	.57011	.002	1
S4	150.00	147.01	-2.99	-1.99	1.1394	.005	1
S5	300.00	296.10	-3.90	-1.30	2.3020	.010	1
S6	800.00	807.19	7.19	.899	6.2878	.021	1



Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000079 Re-Slope: 1.000000
 A1 (Gain): 0.076290 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999730 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.002601
 Predicted MQL: 0.008670

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00008	.000	1
S1	.05000	.05179	.002	3.58	.00387	.000	1
S2	.62500	.66595	.041	6.55	.04915	.000	1
S3	1.2500	1.2774	.027	2.19	.09423	.000	1
S4	2.5000	2.5121	.012	.484	.18528	.001	1
S5	5.0000	4.9177	-.082	-1.65	.36251	.002	1

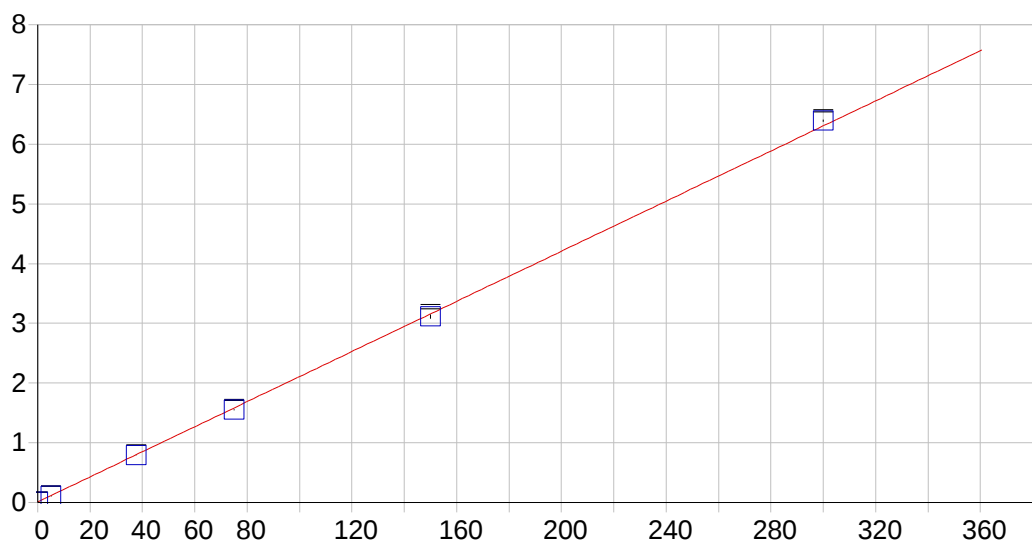


Zn 213.856 {158}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000497 Re-Slope: 1.000000
 A1 (Gain): 0.237255 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999710 Status: OK.
 Std Error of Est: 0.000408
 Predicted MDL: 0.003241
 Predicted MQL: 0.010803

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00049	.000	1
S1	.06000	.05438	-.006	-9.36	.01245	.000	1
S2	3.7500	3.6858	-.064	-1.71	.87639	.012	1
S3	7.5000	7.1865	-.314	-4.18	1.7093	.017	1
S4	15.000	14.742	-.258	-1.72	3.5066	.021	1
S5	30.000	30.642	.642	2.14	7.2886	.091	1

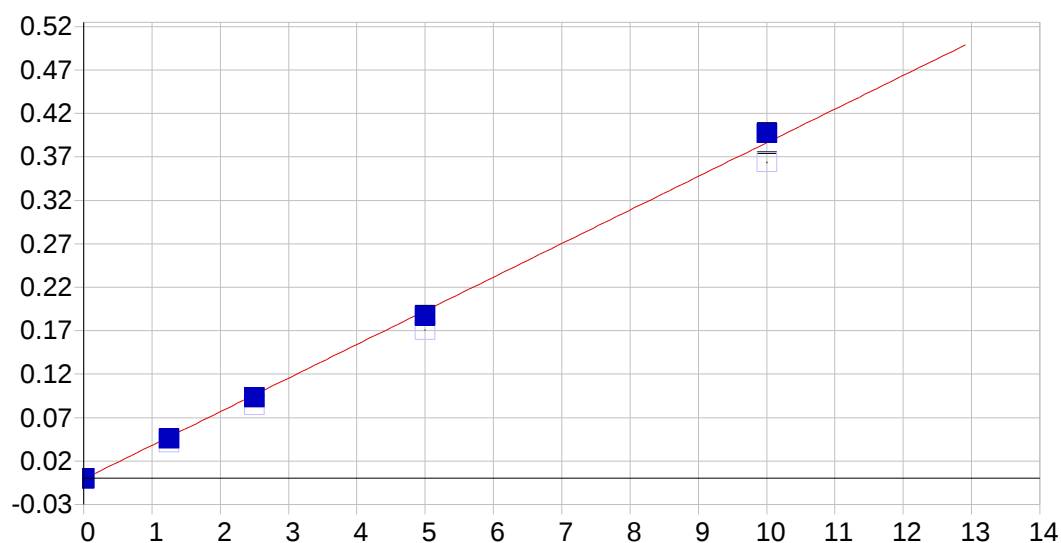


K 769.896 { 44}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.010240 Re-Slope: 1.000000
 A1 (Gain): 0.020983 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865 Status: OK.
 Std Error of Est: 0.000710
 Predicted MDL: 0.041209
 Predicted MQL: 0.137363

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00050	.000	.000	.01025	.000	1
S1	5.0000	4.6341	-.366	-7.32	.10748	.001	1
S2	37.500	37.301	-.199	-.530	.79291	.003	1
S3	75.000	73.377	-1.62	-2.16	1.5499	.009	1
S4	150.00	147.92	-2.08	-1.39	3.1139	.034	1
S5	300.00	304.27	4.27	1.42	6.3946	.019	1

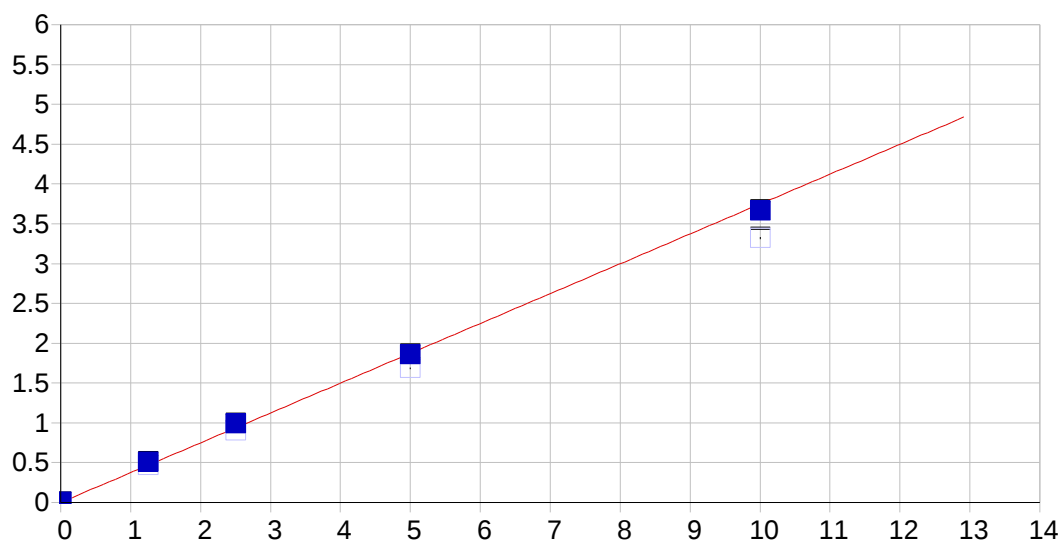


P 177.495 {490}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000607 Re-Slope: 1.000000
 A1 (Gain): 0.038699 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999438 Status: OK.
 Std Error of Est: 0.000020
 Predicted MDL: 0.002179
 Predicted MQL: 0.007263

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00061	.000	1
S1	.01000	.01187	.002	18.7	-.00017	.000	1
S2	1.2500	1.1910	-.059	-4.72	.04131	.000	1
S3	2.5000	2.4170	-.083	-3.32	.08458	.000	1
S4	5.0000	4.8603	-.140	-2.79	.17079	.000	1
S5	10.000	10.280	.280	2.80	.36384	.001	1



Date of Fit: 1/24/2018 14:27:35

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000149

Re-Slope: 1.000000

A1 (Gain): 0.374751

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999204

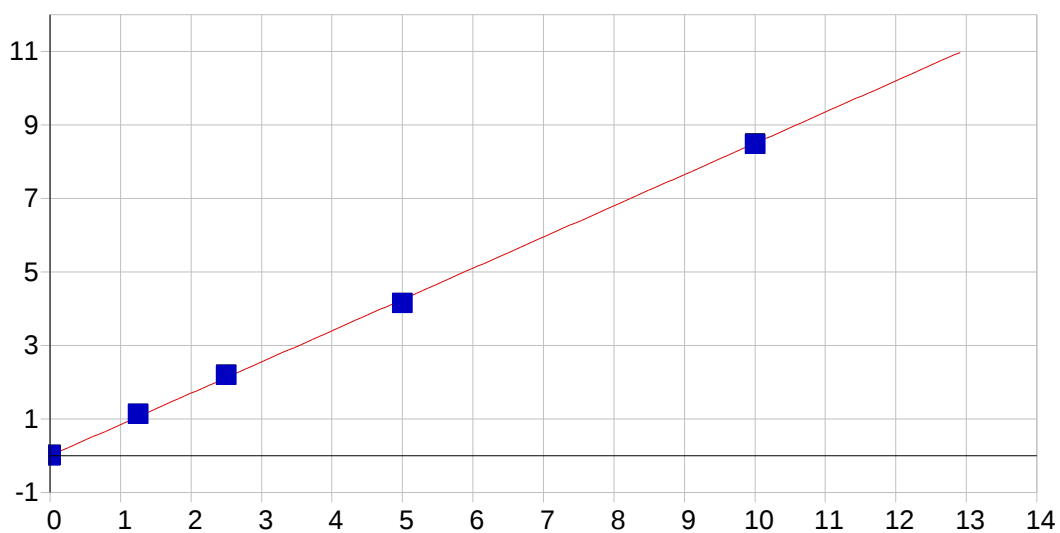
Status: OK.

Std Error of Est: 0.000228

Predicted MDL: 0.000810

Predicted MQL: 0.002701

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.01000	.01035	.000	3.46	.00393	.000	1
S2	1.2500	1.3673	.117	9.39	.46941	.002	1
S3	2.5000	2.6450	.145	5.80	.90505	.006	1
S4	5.0000	4.9580	-.042	-.840	1.6856	.011	1
S5	10.000	9.7794	-.221	-2.21	3.3198	.016	1

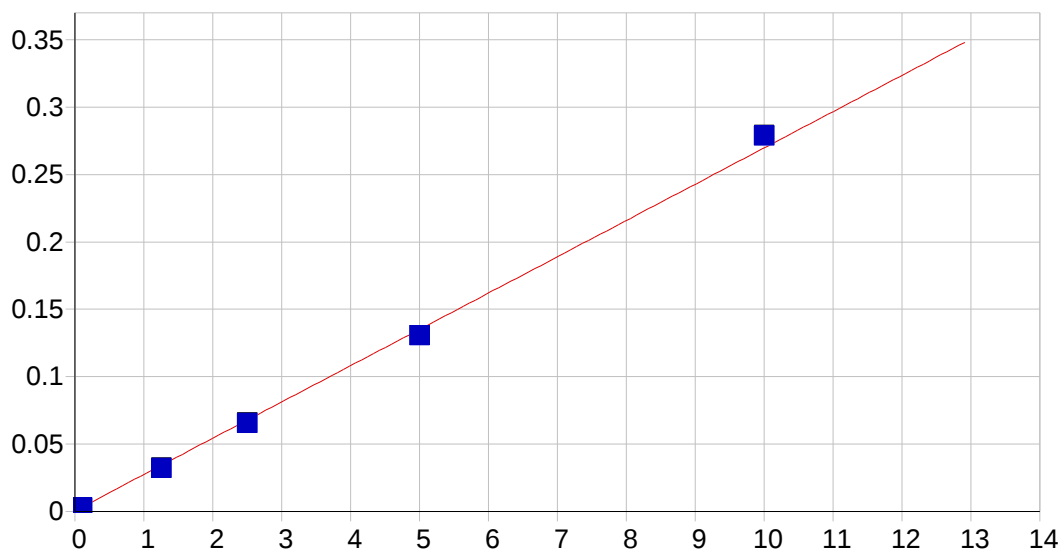


Mo 202.030 {467}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000137 Re-Slope: 1.000000
 A1 (Gain): 0.850043 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999717 Status: OK.
 Std Error of Est: 0.000339
 Predicted MDL: 0.000248
 Predicted MQL: 0.000828

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.01000	.01032	.000	3.19	.00890	.000	1
S2	1.2500	1.3260	.076	6.08	1.1273	.001	1
S3	2.5000	2.5823	.082	3.29	2.1951	.006	1
S4	5.0000	4.8737	-.126	-2.53	4.1428	.011	1
S5	10.000	9.9676	-.032	-.324	8.4727	.022	1

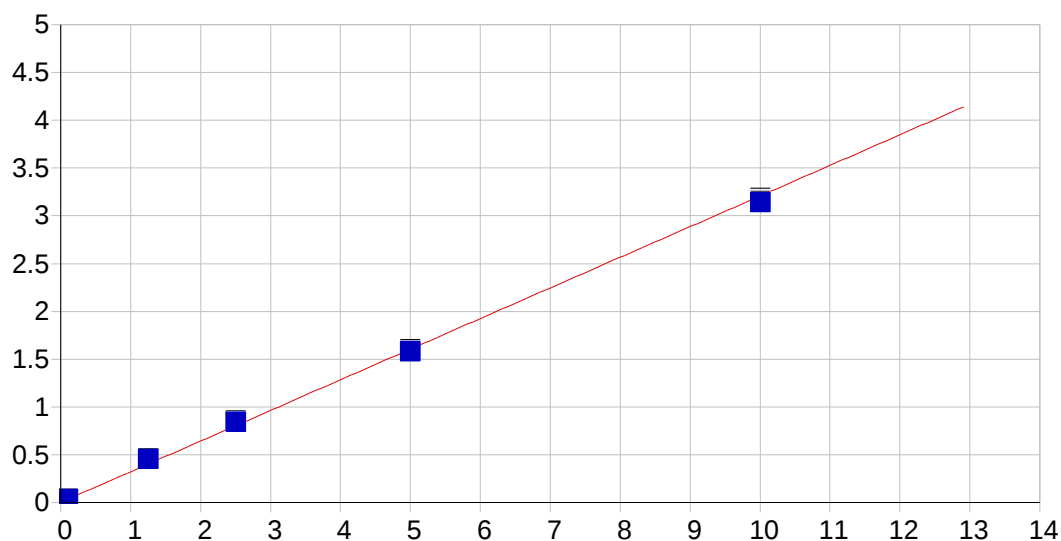


S 182.034 {485}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000492 Re-Slope: 1.000000
 A1 (Gain): 0.026927 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999289 Status: OK.
 Std Error of Est: 0.000054
 Predicted MDL: 0.003335
 Predicted MQL: 0.011117

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00049	.000	1
S1	.10000	.08213	-.018	-17.9	.00270	.000	1
S2	1.2500	1.1750	-.075	-6.00	.03214	.000	1
S3	2.5000	2.4204	-.080	-3.18	.06569	.000	1
S4	5.0000	4.8365	-.163	-3.27	.13077	.000	1
S5	10.000	10.336	.336	3.36	.27890	.000	1

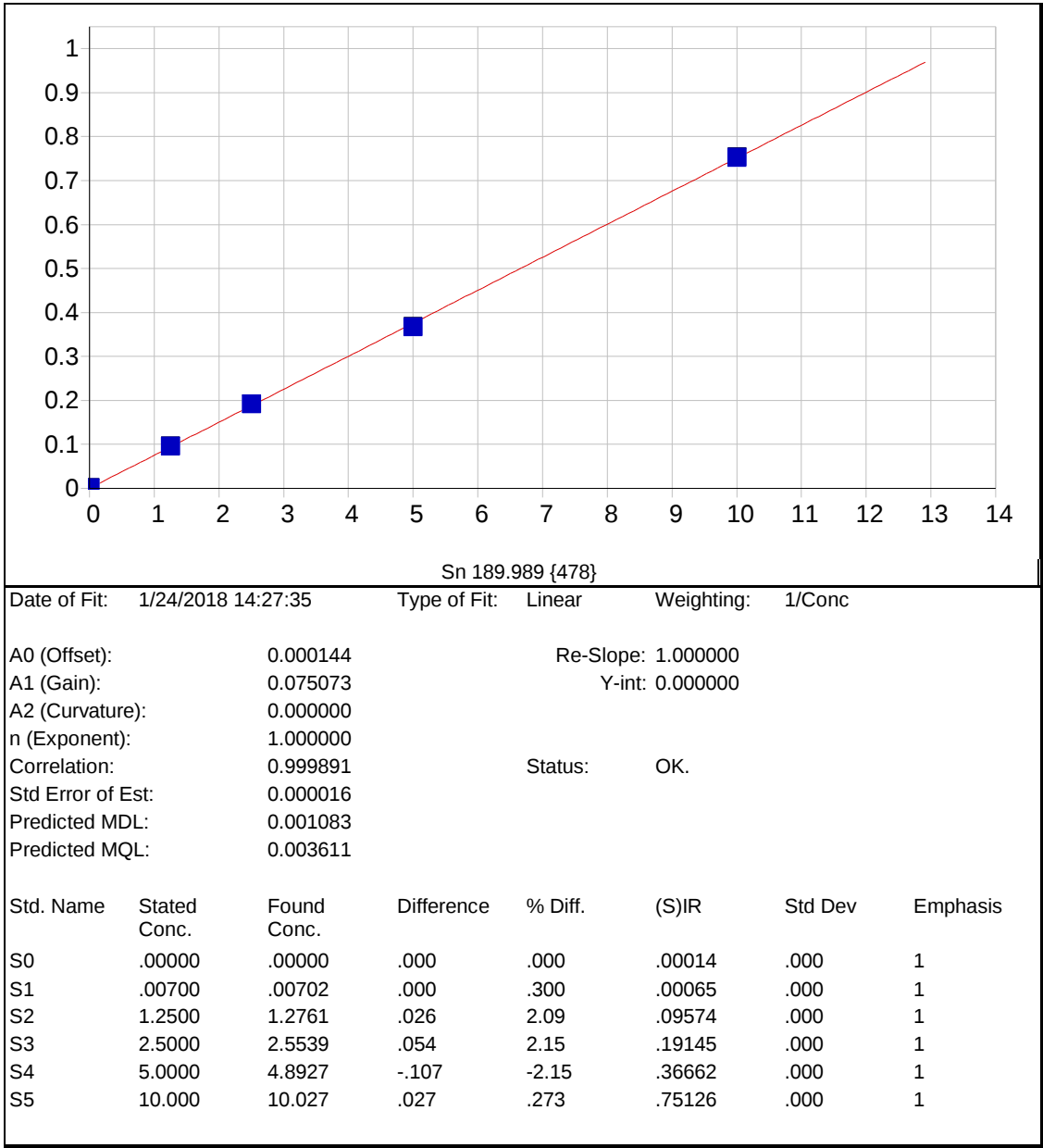


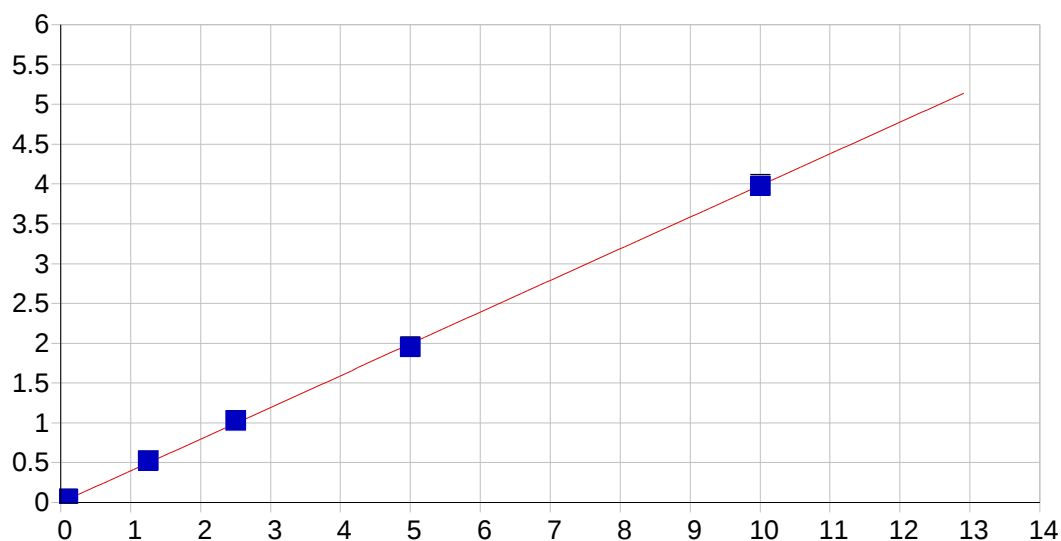
Si 251.611 {134}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001488 Re-Slope: 1.000000
 A1 (Gain): 0.320585 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999162 Status: OK.
 Std Error of Est: 0.000704
 Predicted MDL: 0.000959
 Predicted MQL: 0.003196

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00148	.000	1
S1	.10000	.10370	.004	3.70	.03484	.000	1
S2	1.2500	1.4048	.155	12.4	.45513	.001	1
S3	2.5000	2.6330	.133	5.32	.85217	.005	1
S4	5.0000	4.9213	-.079	-1.57	1.5923	.010	1
S5	10.000	9.7872	-.213	-2.13	3.1654	.020	1



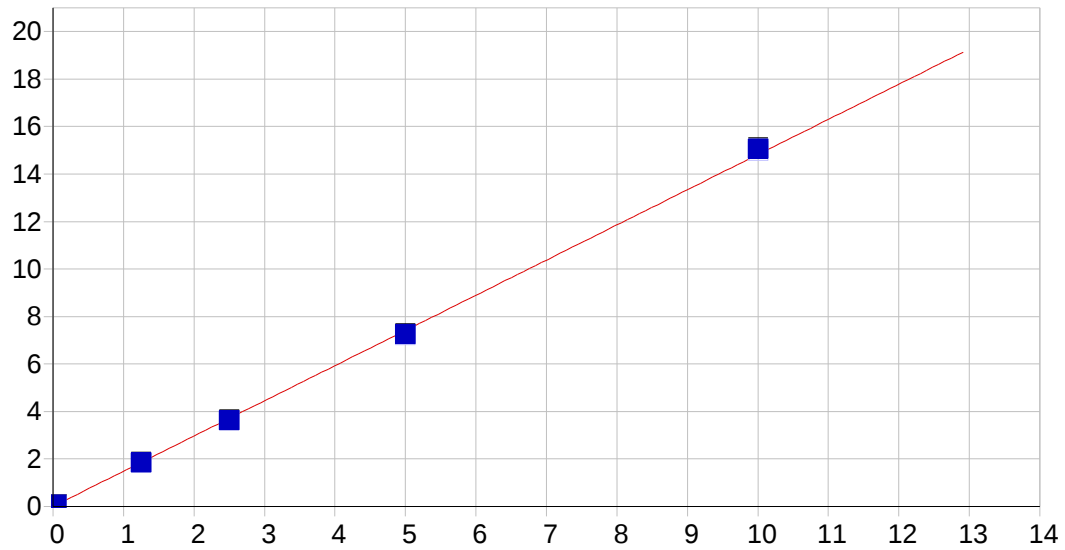


Ti 336.121 {100}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000431 Re-Slope: 1.000000
 A1 (Gain): 0.398145 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999805 Status: OK.
 Std Error of Est: 0.000418
 Predicted MDL: 0.000829
 Predicted MQL: 0.002764

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00043	.000	1
S1	.10000	.09788	-.002	-2.12	.03939	.000	1
S2	1.2500	1.3110	.061	4.88	.52221	.002	1
S3	2.5000	2.5684	.068	2.73	1.0226	.004	1
S4	5.0000	4.8895	-.110	-2.21	1.9464	.006	1
S5	10.000	9.9832	-.017	-.168	3.9737	.023	1

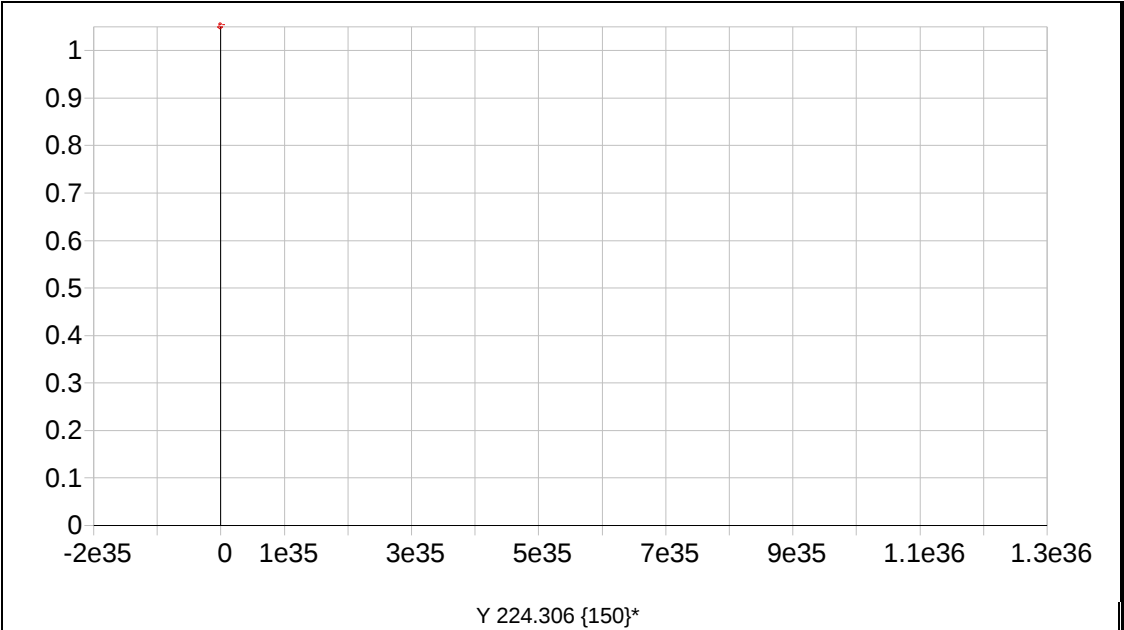


Li 670.784 { 50}

Date of Fit: 1/24/2018 14:27:35 Type of Fit: Linear Weighting: 1/Conc

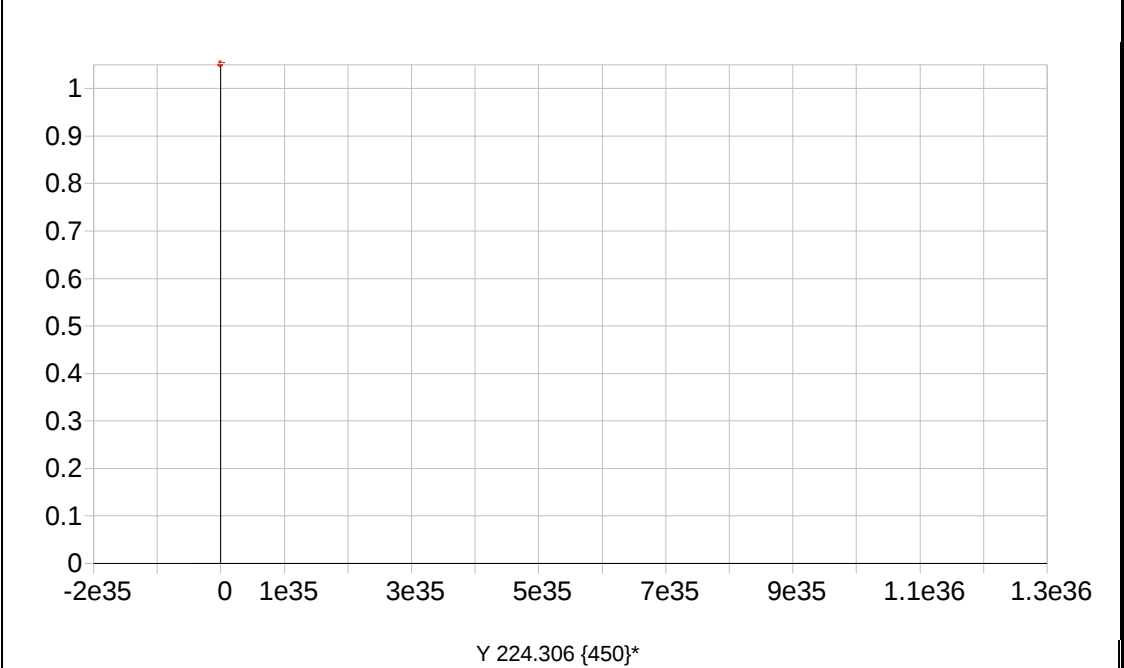
A0 (Offset): 0.005080 Re-Slope: 1.000000
 A1 (Gain): 1.481622 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999845 Status: OK.
 Std Error of Est: 0.000975
 Predicted MDL: 0.000660
 Predicted MQL: 0.002200

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00509	.000	1
S5	10.000	10.157	.157	1.57	14.971	.053	1
S4	5.0000	4.8956	-.104	-2.09	7.2169	.025	1
S3	2.5000	2.4519	-.048	-1.92	3.6171	.002	1
S2	1.2500	1.2484	-.002	-.131	1.8443	.011	1
S1	.05000	.04685	-.003	-6.30	.07435	.001	1

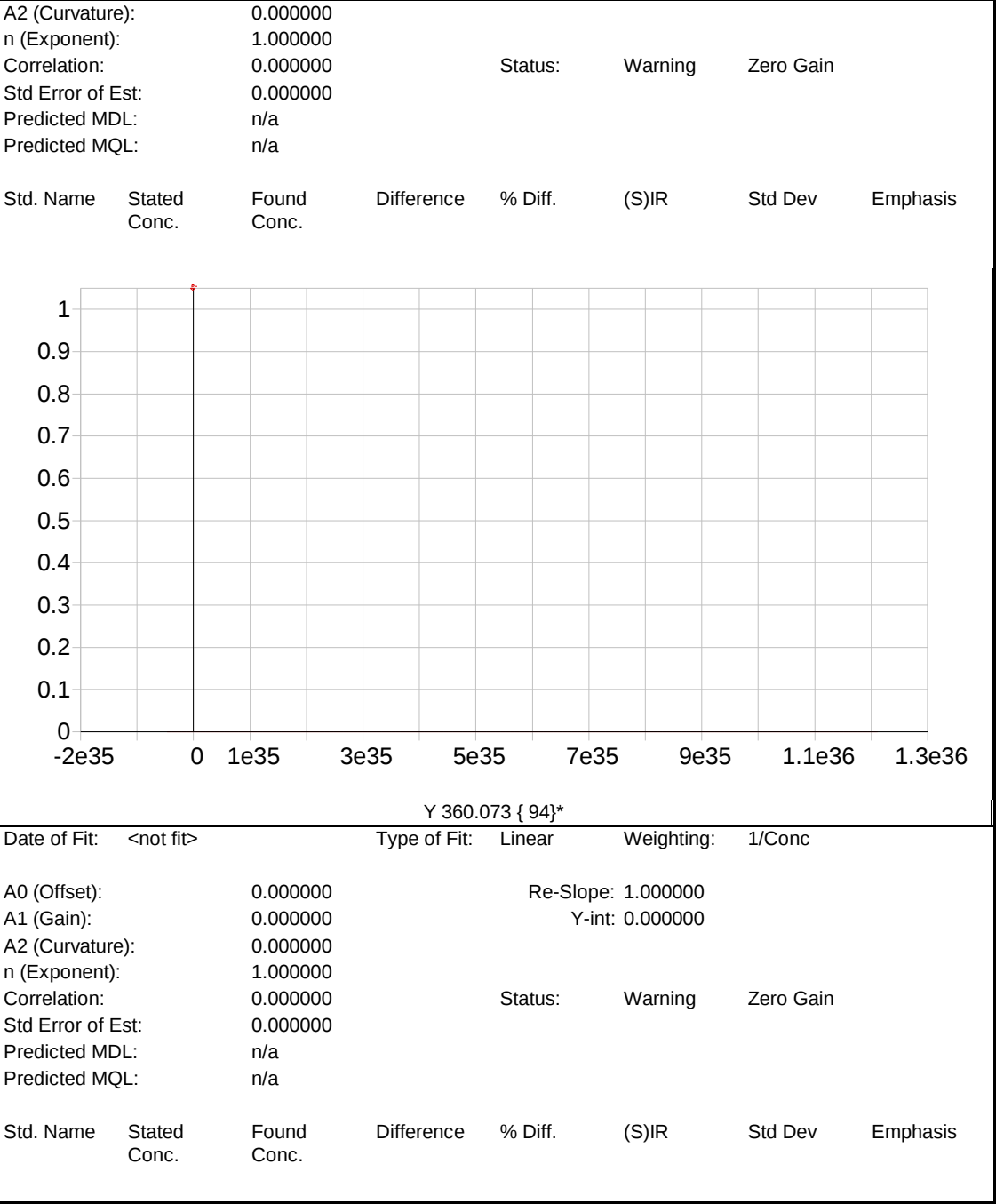


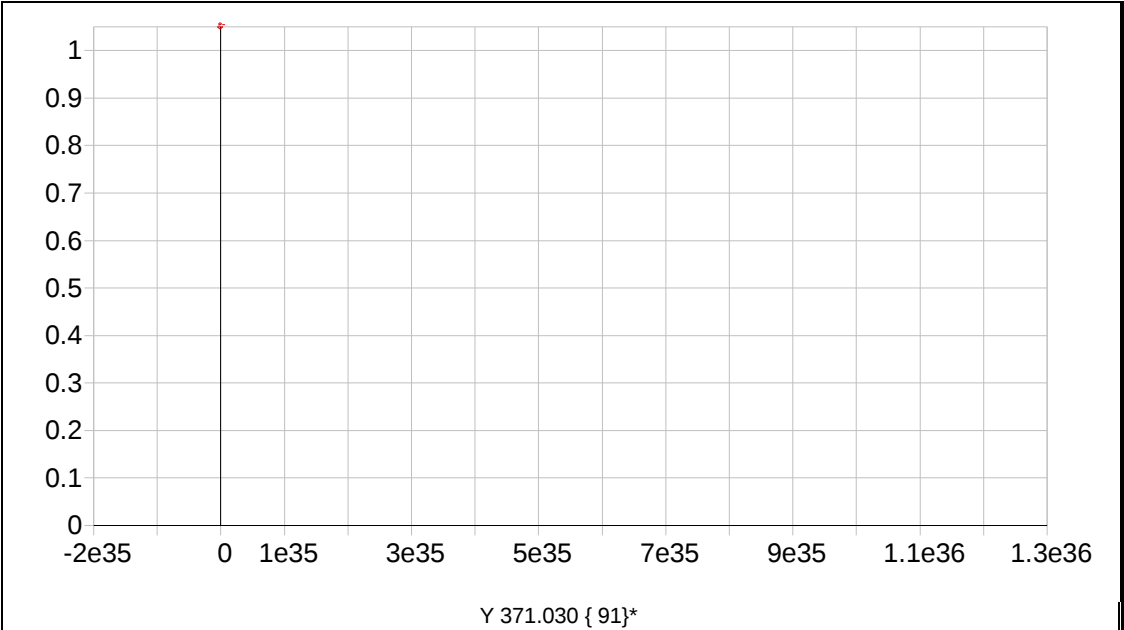
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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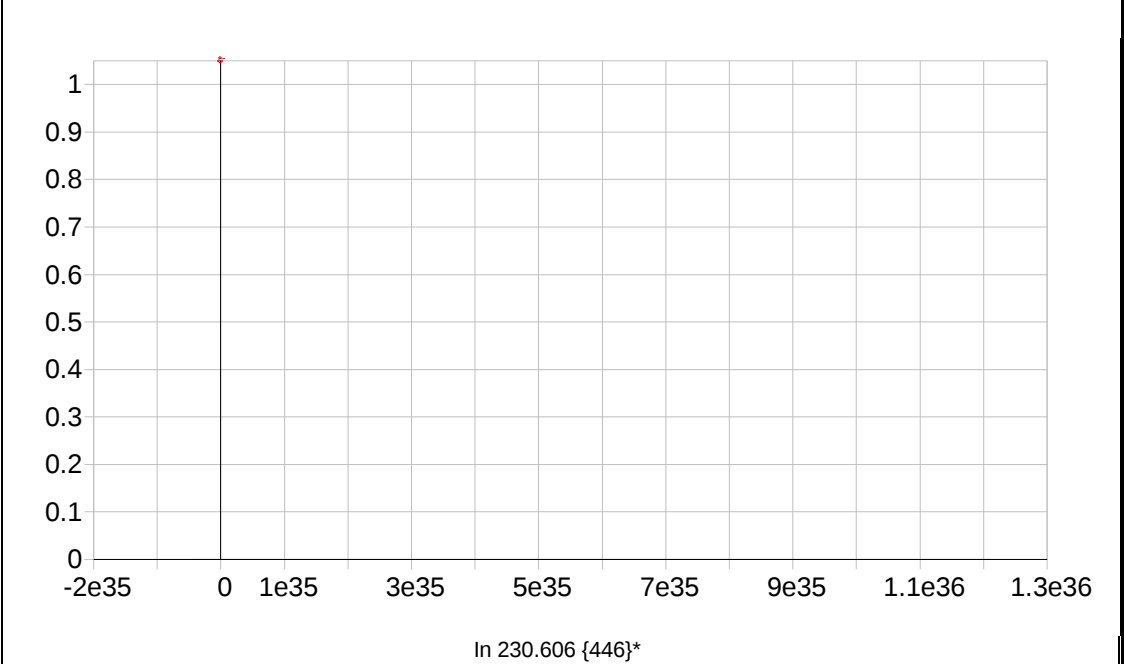
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



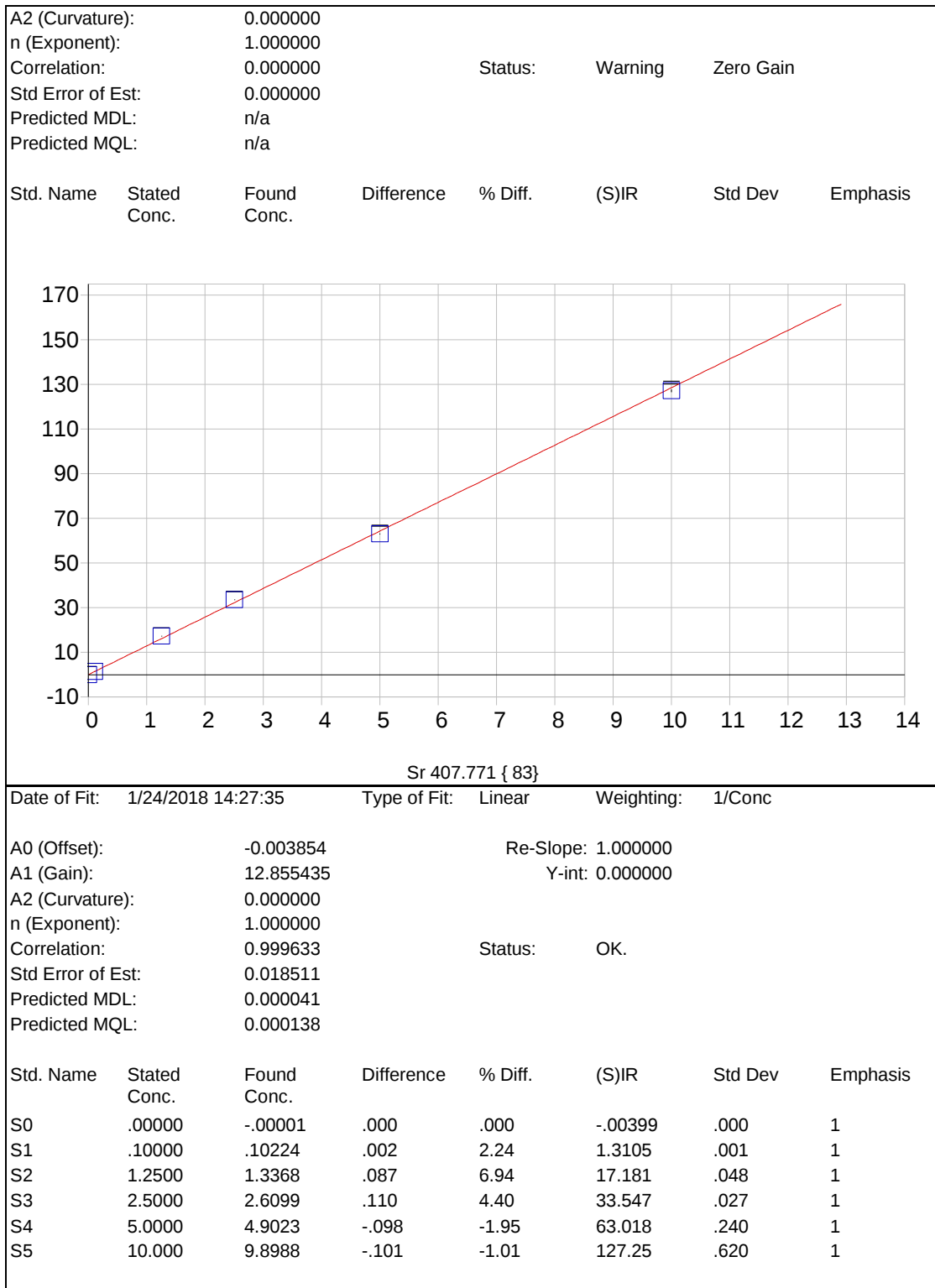


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000



Sample Name: S0 Acquired: 1/24/2018 13:39:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	-.00016	-.00028	-.00012	.00022	.00038	-.00039	-.03042	-.00182
Stddev	.00010	.00008	.00027	.00007	.00004	.00043	.00065	.00007
%RSD	59.725	27.894	220.43	32.909	9.3268	109.83	2.1276	3.9940

#1	-.00014	-.00034	-.00013	.00016	.00040	-.00054	-.03044	-.00179
#2	-.00008	-.00031	.00015	.00021	.00034	-.00073	-.03106	-.00190
#3	-.00027	-.00019	-.00039	.00030	.00040	.00009	-.02977	-.00177

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00036	.00147	-.00002	-.00009	.00335	.00019	-.00004	-.00022
Stddev	.00009	.00016	.00005	.00015	.00009	.00008	.00014	.00011
%RSD	25.686	10.869	280.15	173.35	2.8321	40.399	319.60	52.387

#1	-.00028	.00133	-.00005	-.00017	.00326	.00016	-.00017	-.00029
#2	-.00046	.00144	.00004	.00009	.00335	.00027	-.00007	-.00028
#3	-.00034	.00165	-.00005	-.00018	.00345	.00013	.00011	-.00009

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00093	-.00009	-.00709	-.00008	-.00049	.01025	-.00061	.00015
Stddev	.00014	.00010	.00034	.00018	.00022	.00028	.00003	.00007
%RSD	14.884	111.03	4.8580	227.04	45.176	2.6977	4.7212	49.364

#1	-.00105	.00001	-.00745	.00011	-.00026	.00995	-.00057	.00011
#2	-.00078	-.00009	-.00706	-.00011	-.00053	.01050	-.00062	.00011
#3	-.00097	-.00019	-.00676	-.00024	-.00070	.01030	-.00063	.00023

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	.00014	.00049	.00148	.00014	.00043	.00509	-.00399	
Stddev	.00019	.00002	.00044	.00007	.00009	.00021	.00028	
%RSD	138.14	4.7359	29.372	47.697	20.257	4.1571	7.0368	

#1	.00014	.00051	.00151	.00022	.00043	.00495	-.00398	
#2	.00032	.00047	.00103	.00014	.00052	.00498	-.00371	
#3	-.00005	.00050	.00190	.00008	.00034	.00533	-.00428	

Sample Name: S0 Acquired: 1/24/2018 13:39:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S00 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1176.9	2568.3	39699.	8121.1	4223.9
Stddev	7.2	12.1	133.	101.5	20.4
%RSD	.60834	.47110	.33548	1.2493	.48350
#1	1169.1	2554.6	39599.	8238.0	4200.3
#2	1183.2	2572.7	39850.	8056.5	4234.3
#3	1178.4	2577.6	39647.	8068.7	4237.0

Sample Name: S1 Acquired: 1/24/2018 13:43:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.00035	.00102	.00143	.00291	.00906	.01833	.77941	.01482
Stddev	.00006	.00004	.00020	.00014	.00007	.00076	.00309	.00021
%RSD	17.445	3.5307	13.876	4.8681	.76673	4.1264	.39684	1.4286

#1	.00030	.00106	.00153	.00296	.00901	.01852	.78144	.01507
#2	.00042	.00098	.00155	.00275	.00904	.01750	.77585	.01469
#3	.00034	.00103	.00120	.00301	.00914	.01898	.78095	.01472

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	.00905	.24585	.00113	.03504	.00703	.00295	.00670	.04417
Stddev	.00009	.00251	.00006	.00014	.00016	.00019	.00009	.00049
%RSD	.95348	1.0198	5.2037	.39058	2.3307	6.4609	1.3970	1.1139

#1	.00913	.24298	.00115	.03492	.00685	.00302	.00677	.04379
#2	.00906	.24696	.00117	.03519	.00708	.00310	.00674	.04400
#3	.00896	.24762	.00106	.03502	.00717	.00274	.00659	.04473

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	.01566	.00361	.03099	.00387	.01245	.10748	-.00017	.00393
Stddev	.00008	.00010	.00046	.00017	.00050	.00114	.00003	.00012
%RSD	.49310	2.6889	1.4721	4.3267	3.9849	1.0640	16.424	3.1432

#1	.01561	.00369	.03140	.00368	.01265	.10650	-.00016	.00396
#2	.01562	.00363	.03106	.00391	.01189	.10719	-.00015	.00404
#3	.01575	.00350	.03050	.00401	.01283	.10874	-.00021	.00380

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	.00890	.00270	.03484	.00065	.03939	.07435	1.3105	
Stddev	.00015	.00008	.00043	.00002	.00022	.00101	.0015	
%RSD	1.7280	3.0805	1.2416	3.3801	.55876	1.3621	.11172	

#1	.00879	.00276	.03529	.00066	.03959	.07550	1.3111	
#2	.00885	.00261	.03480	.00066	.03943	.07361	1.3089	
#3	.00908	.00274	.03443	.00063	.03915	.07393	1.3116	

Sample Name: S1 Acquired: 1/24/2018 13:43:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1196.9	2544.1	39678.	8133.4	4030.5
Stddev	13.5	5.2	329.	22.6	6.0
%RSD	1.1272	.20247	.82811	.27788	.14933
#1	1188.2	2538.4	39414.	8155.7	4024.9
#2	1190.0	2548.5	39575.	8110.5	4036.8
#3	1212.4	2545.3	40046.	8133.9	4029.8

Sample Name: S2 Acquired: 1/24/2018 13:47:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.05769	.06472	1.0558	.09256	.18711	3.7032	10.436	.39568
Stddev	.00034	.00024	.0009	.00039	.00034	.0175	.030	.00125
%RSD	.58420	.36818	.08221	.42318	.18033	.47211	.28866	.31626

#1	.05763	.06449	1.0564	.09212	.18672	3.6912	10.402	.39439
#2	.05738	.06496	1.0548	.09287	.18737	3.6952	10.457	.39689
#3	.05805	.06470	1.0562	.09269	.18722	3.7233	10.449	.39575

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.2578	3.1589	.45464	.48830	.64365	1.0507	1.6665	.57866
Stddev	.0013	.0359	.00206	.00024	.00318	.0095	.0160	.00420
%RSD	.10487	1.1366	.45418	.04936	.49372	.90348	.95753	.72552

#1	1.2578	3.1297	.45226	.48845	.64001	1.0436	1.6567	.57557
#2	1.2591	3.1481	.45595	.48842	.64588	1.0471	1.6579	.57698
#3	1.2565	3.1990	.45570	.48802	.64506	1.0615	1.6849	.58344

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	.27545	.10852	.29160	.04915	.87639	.79291	.04131	.46941
Stddev	.00036	.00062	.00144	.00037	.01222	.00307	.00040	.00199
%RSD	.13213	.57182	.49290	.76203	1.3942	.38741	.97168	.42494

#1	.27586	.10792	.28994	.04906	.87154	.79264	.04116	.47142
#2	.27516	.10916	.29242	.04884	.86734	.79612	.04177	.46939
#3	.27533	.10849	.29243	.04957	.89029	.78999	.04101	.46743

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	1.1273	.03214	.45513	.09574	.52221	1.8443	17.181	
Stddev	.0012	.00022	.00129	.00018	.00213	.0114	.048	
%RSD	.10743	.67154	.28395	.18563	.40781	.61581	.28096	

#1	1.1275	.03191	.45403	.09554	.52072	1.8387	17.169	
#2	1.1283	.03233	.45655	.09588	.52465	1.8573	17.234	
#3	1.1259	.03220	.45482	.09580	.52127	1.8368	17.140	

Sample Name: S2 Acquired: 1/24/2018 13:47:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1124.7	2418.0	37686.	8006.7	3394.4
Stddev	3.3	5.4	71.	18.3	5.0
%RSD	.28914	.22364	.18804	.22915	.14620
#1	1122.6	2412.4	37768.	7986.7	3389.7
#2	1128.4	2418.3	37639.	8022.7	3393.8
#3	1123.0	2423.2	37652.	8010.8	3399.6

Sample Name: S3 Acquired: 1/24/2018 13:51:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.11324	.12401	2.0750	.18209	.36837	7.2300	20.271	.76771
Stddev	.00028	.00055	.0043	.00099	.00072	.0576	.078	.00229
%RSD	.24916	.43975	.20937	.54623	.19433	.79634	.38525	.29854

#1	.11292	.12338	2.0718	.18100	.36755	7.1641	20.184	.77036
#2	.11334	.12440	2.0734	.18296	.36890	7.2558	20.334	.76641
#3	.11346	.12424	2.0800	.18231	.36865	7.2702	20.295	.76637

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	2.4805	5.9933	.87223	.96050	1.2508	1.9850	3.1673	1.1232
Stddev	.0079	.0281	.00205	.00352	.0073	.0167	.0208	.0088
%RSD	.31703	.46848	.23534	.36621	.58279	.84016	.65562	.78511

#1	2.4787	5.9633	.86987	.95735	1.2424	1.9660	3.1440	1.1131
#2	2.4736	6.0189	.87318	.95986	1.2546	1.9973	3.1839	1.1288
#3	2.4891	5.9977	.87363	.96430	1.2554	1.9916	3.1741	1.1278

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	.53953	.25299	.57011	.09423	1.7093	1.5499	.08458	.90505
Stddev	.00140	.00065	.00190	.00039	.0172	.0092	.00044	.00629
%RSD	.25984	.25535	.33307	.41080	1.0058	.59205	.51723	.69534

#1	.53882	.25236	.56819	.09385	1.6904	1.5403	.08445	.91222
#2	.53862	.25296	.57015	.09462	1.7137	1.5506	.08507	.90250
#3	.54114	.25365	.57199	.09422	1.7240	1.5586	.08423	.90044

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	2.1951	.06569	.85217	.19145	1.0226	3.6171	33.547	
Stddev	.0058	.00024	.00452	.00038	.0038	.0020	.027	
%RSD	.26269	.35871	.53086	.19675	.37103	.05597	.07961	

#1	2.1918	.06543	.85686	.19111	1.0270	3.6151	33.524	
#2	2.1918	.06576	.85181	.19186	1.0208	3.6169	33.542	
#3	2.2018	.06588	.84784	.19139	1.0201	3.6191	33.577	

Sample Name: S3 Acquired: 1/24/2018 13:51:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1091.6	2328.3	36596.	7895.8	3155.3
Stddev	4.3	2.8	10.	55.7	5.0
%RSD	.39690	.11971	.02612	.70531	.15984
#1	1086.6	2328.7	36602.	7837.3	3151.9
#2	1094.7	2330.9	36585.	7902.1	3161.1
#3	1093.4	2325.4	36601.	7948.1	3153.0

Sample Name: S4 Acquired: 1/24/2018 13:55:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.22456	.23109	3.9539	.35107	.72594	14.609	38.898	1.5052
Stddev	.00122	.00086	.0092	.00090	.00253	.083	.314	.0099
%RSD	.54122	.37394	.23293	.25642	.34800	.56600	.80784	.65645

#1	.22363	.23061	3.9434	.35044	.72382	14.675	39.186	1.5166
#2	.22410	.23058	3.9603	.35068	.72527	14.516	38.947	1.4985
#3	.22593	.23209	3.9581	.35211	.72874	14.637	38.563	1.5006

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	4.8457	12.014	1.6577	1.8762	2.4542	3.8651	6.1375	2.2706
Stddev	.0030	.061	.0036	.0026	.0365	.0192	.0259	.0115
%RSD	.06284	.50963	.21884	.13910	1.4861	.49705	.42172	.50576

#1	4.8482	12.009	1.6543	1.8733	2.4958	3.8591	6.1461	2.2683
#2	4.8466	11.955	1.6615	1.8785	2.4274	3.8496	6.1084	2.2604
#3	4.8423	12.077	1.6571	1.8767	2.4395	3.8866	6.1580	2.2830

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	1.0482	.41673	1.1394	.18528	3.5066	3.1139	.17079	1.6856
Stddev	.0002	.00032	.0047	.00105	.0206	.0344	.00037	.0109
%RSD	.01874	.07711	.41671	.56908	.58731	1.1060	.21784	.64585

#1	1.0483	.41675	1.1431	.18602	3.4853	3.1529	.17037	1.6968
#2	1.0482	.41704	1.1340	.18407	3.5083	3.0874	.17105	1.6751
#3	1.0480	.41639	1.1409	.18574	3.5263	3.1016	.17097	1.6848

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.1428	.13077	1.5923	.36662	1.9464	7.2169	63.018	
Stddev	.0107	.00004	.0101	.00016	.0060	.0249	.240	
%RSD	.25828	.03072	.63658	.04373	.30973	.34458	.38030	

#1	4.1366	.13076	1.6036	.36647	1.9405	7.2445	63.170	
#2	4.1367	.13082	1.5839	.36679	1.9462	7.1963	62.742	
#3	4.1552	.13074	1.5894	.36662	1.9526	7.2099	63.142	

Sample Name: S4 Acquired: 1/24/2018 13:55:28 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1039.8	2241.2	35551.	7843.1	2934.8
Stddev	3.8	6.9	99.	33.6	8.8
%RSD	.36982	.30616	.27841	.42880	.29868
#1	1044.2	2247.6	35664.	7813.5	2944.6
#2	1037.0	2242.0	35479.	7879.7	2927.7
#3	1038.3	2233.9	35511.	7836.2	2932.0

Sample Name: S5 Acquired: 1/24/2018 13:59:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL 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	.47757	.45496	8.0371	.73702	1.5324	29.755	78.515	3.0377
Stddev	.00053	.00145	.0066	.00303	.0055	.085	1.008	.0191
%RSD	.11135	.31780	.08176	.41061	.35852	.28642	1.2837	.62967

#1	.47805	.45644	8.0298	.74027	1.5382	29.660	77.360	3.0157
#2	.47699	.45355	8.0425	.73429	1.5273	29.826	79.221	3.0503
#3	.47766	.45489	8.0389	.73649	1.5318	29.778	78.962	3.0471

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	9.6994	23.333	3.2145	3.7701	5.0190	7.4026	11.863	4.4880
Stddev	.0267	.205	.0147	.0040	.0153	.0604	.103	.0321
%RSD	.27555	.87946	.45600	.10507	.30454	.81586	.86927	.71579

#1	9.6686	23.104	3.2139	3.7673	5.0100	7.3366	11.750	4.4530
#2	9.7159	23.500	3.2002	3.7746	5.0366	7.4551	11.953	4.5162
#3	9.7138	23.395	3.2295	3.7684	5.0103	7.4162	11.885	4.4948

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0844	1.2135	2.3020	.36251	7.2886	6.3946	.36384	3.3198
Stddev	.0014	.0032	.0098	.00232	.0912	.0193	.00081	.0161
%RSD	.06540	.26573	.42433	.64021	1.2512	.30245	.22142	.48581

#1	2.0829	1.2172	2.2908	.35987	7.2805	6.3724	.36459	3.3018
#2	2.0847	1.2122	2.3089	.36420	7.3836	6.4081	.36392	3.3330
#3	2.0855	1.2111	2.3063	.36347	7.2018	6.4033	.36299	3.3245

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	8.4727	.27890	3.1654	.75126	3.9737	14.971	127.25	
Stddev	.0222	.00045	.0204	.00016	.0233	.053	.62	
%RSD	.26258	.16299	.64545	.02115	.58531	.35243	.48742	

#1	8.4900	.27929	3.1440	.75108	3.9499	15.014	126.86	
#2	8.4476	.27901	3.1847	.75136	3.9750	14.912	127.96	
#3	8.4804	.27840	3.1675	.75135	3.9963	14.987	126.92	

Sample Name: S5 Acquired: 1/24/2018 13:59:34 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
User: JASWAL Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	939.93	2027.2	33669.	7577.0	2599.3
Stddev	9.92	12.8	135.	37.0	13.2
%RSD	1.0555	.63035	.40172	.48864	.50877
#1	935.73	2012.7	33527.	7617.0	2584.0
#2	932.80	2036.9	33682.	7544.0	2606.2
#3	951.26	2031.9	33797.	7570.0	2607.6

Sample Name: S6 Acquired: 1/24/2018 14:03:40 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: IR Corr. Factor: 1.000000
 User: JASWAL Custom ID1: S06 Custom ID2: Custom ID3:
 Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	75.741	37.051	19.394	7.0811	6.2878
Stddev	.497	.055	.058	.0252	.0213
%RSD	.65665	.14917	.29935	.35575	.33891

#1	75.439	37.019	19.340	7.0570	6.2742
#2	75.468	37.020	19.387	7.0789	6.3124
#3	76.315	37.115	19.456	7.1073	6.2768

Int. Std.	Y_3710
Units	Cts/S
Avg	7374.0
Stddev	4.5
%RSD	.06102

#1	7370.7
#2	7372.1
#3	7379.1

Sample Name: ICV Acquired: 1/24/2018 14:10:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9585742	F 1.145881	1.001493	.9948257	.9643734	2.435331
Stddev	.0041605	.004649	.002461	.0042140	.0034918	.011497
%RSD	.4340351	.4056721	.2457690	.4235880	.3620829	.4720719

#1	.9594824	1.150656	1.000671	.9993742	.9667881	2.443042
#2	.9540346	1.141371	.999547	.9940484	.9603696	2.440834
#3	.9622056	1.145615	1.004260	.9910545	.9659624	2.422117

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5184779	.4878765	.4615996	10.41338	F .5443754	.4737907
Stddev	.0019624	.0075644	.0006595	.11530	.0045194	.0016889
%RSD	.3784950	1.550468	.1428776	1.107207	.8301980	.3564573

#1	.5207289	.4903332	.4622611	10.28549	.5397566	.4730117
#2	.5171272	.4793891	.4609420	10.50936	.5445815	.4726319
#3	.5175776	.4939072	.4615955	10.44530	.5487883	.4757284

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5035214	5.316985	.5420363	5.963464	.4875668	F .1605194
Stddev	.0061097	.026380	.0037032	.064314	.0017299	.0001645
%RSD	1.213401	.4961500	.6832035	1.078475	.3548082	.1024894

#1	.5102883	5.301189	.5383256	5.954473	.4858268	.1603740
#2	.4984100	5.347439	.5457320	5.904118	.4875871	.1606980
#3	.5018659	5.302326	.5420514	6.031801	.4892864	.1604862

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.809981	.5137148	.9238820	9.279119	F .0205134	F .0118006
Stddev	.106118	.0042077	.0168585	.119553	.0007434	.0008592
%RSD	1.081740	.8190819	1.824742	1.288406	3.624112	7.281046

#1	9.868544	.5089276	.9119347	9.416136	.0197363	.0114252
#2	9.873914	.5168278	.9431656	9.196033	.0205860	.0127836
#3	9.687485	.5153888	.9165459	9.225187	.0212178	.0111930

Sample Name: ICV Acquired: 1/24/2018 14:10:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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 .0052069	.0118236	.0085117	F .0045721	.0036977	.0084261
Stddev	.0000562	.0033571	.0000291	.0003557	.0005704	.0008019
%RSD	1.079518	28.39333	.3416747	7.780171	15.42700	9.516428

#1	.0051565	.0156405	.0085370	.0046684	.0030514	.0083250
#2	.0051965	.0105013	.0084799	.0048697	.0041309	.0076795
#3	.0052675	.0093290	.0085182	.0041781	.0039109	.0092737

Elem	Sr4077
Units	ppm
Avg	.0167184
Stddev	.0000165
%RSD	.0984891

#1	.0167288
#2	.0166995
#3	.0167271

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1205.459	2533.665	40078.11	8258.422	3934.519
Stddev	16.594	1.460	351.15	85.960	6.915
%RSD	1.376539	.0576251	.8761580	1.040872	.1757611

#1	1193.251	2533.843	40012.80	8165.269	3941.455
#2	1198.774	2535.027	39764.20	8334.680	3934.479
#3	1224.352	2532.124	40457.33	8275.317	3927.624

Sample Name: ICB Acquired: 1/24/2018 14:14:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL 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	.0009305	.0014314	-.000225	.0001940	.0000603	-.002636	-.000254
Stddev	.0012957	.0005879	.000763	.0011929	.0010680	.004475	.000273
%RSD	139.2533	41.06977	338.7000	615.0099	1769.819	169.7564	107.4832

#1	.0012641	.0008077	-.000541	.0005587	.0007711	-.007726	-.000203
#2	-.000499	.0015111	.000645	-.001139	.0005778	.000682	-.000550
#3	.002027	.0019753	-.000780	.001162	-.001168	-.000865	-.000010

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001011	.0000130	-.003557	.0000307	-.000074	-.000140	-.003866
Stddev	.0000710	.0000875	.005731	.0006469	.000120	.000673	.002655
%RSD	70.22869	673.4633	161.0979	2105.428	160.4068	481.5615	68.67346

#1	.0001798	.0001001	-.001679	.0007754	-.000063	.000321	-.002029
#2	.0000813	.0000137	.000998	-.000392	.000039	.000171	-.002659
#3	.0000420	-.000075	-.009991	-.000291	-.000199	-.000911	-.006910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000121	.0130906	.0002543	.0000721	.0385597	-.000714	.0002111
Stddev	.0003074	.0249948	.0001881	.0002796	.0698605	.001996	.0041052
%RSD	2549.922	190.9371	73.96535	387.7679	181.1747	279.6608	1944.581

#1	-.000305	-.009302	.0003292	-.000244	.0558952	.001591	.0028793
#2	.000308	.040056	.0000403	.000175	-.038336	-.001875	.0022701
#3	.000033	.008518	.0003933	.000285	.098120	-.001857	-.004516

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022535	-.001689	.0046678	.0002524	.0008626	-.000906	.0003064
Stddev	.020651	.001013	.0009093	.0001409	.0006501	.000145	.0011148
%RSD	91.64137	59.96250	19.48021	55.84637	75.36829	15.96061	363.8848

#1	-.046313	-.002624	.0038168	.0003589	.0001289	-.000753	-.000820
#2	-.012209	-.000613	.0045607	.0003056	.0013669	-.000924	.000330
#3	-.009083	-.001830	.0056259	.0000926	.0010919	-.001040	.001409

Sample Name: ICB Acquired: 1/24/2018 14:14:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICB Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000307	.0009035	.0000401
Stddev	.000352	.0004307	.0000247
%RSD	114.7220	47.67127	61.45184

#1	-.000708	.0009922	.0000229
#2	-.000169	.0012829	.0000291
#3	-.000045	.0004353	.0000684

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.583	2592.656	40580.59	8152.908	4265.465
Stddev	12.832	45.987	363.30	1.807	45.486
%RSD	1.058263	1.773735	.8952642	.0221693	1.066370

#1	1207.031	2580.343	40363.36	8153.328	4247.545
#2	1203.462	2554.079	40378.40	8154.468	4231.669
#3	1227.257	2643.546	41000.01	8150.928	4317.182

Sample Name: ICSA Acquired: 1/24/2018 14:18:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0159001	-.008040	-.000728	-.002455	.0041603	244.0828
Stddev	.0035213	.002033	.004430	.001220	.0022226	.2639
%RSD	22.14619	25.28149	608.7702	49.69854	53.42432	.1081048

#1	.0169718	-.009810	-.002205	-.001852	.0031091	243.8356
#2	.0119675	-.005820	-.004231	-.003859	.0067135	244.0521
#3	.0187611	-.008488	.004252	-.001654	.0026583	244.3606

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060243	.0010810	.0009073	255.7782	F .0657660	.0003794
Stddev	.0005190	.0001544	.0001618	1.1909	.0003981	.0003156
%RSD	8.615322	14.28299	17.83237	.4655976	.6052921	83.18761

#1	.0058097	.0011711	.0009731	254.5961	.0659064	.0007388
#2	.0056469	.0011693	.0007229	255.7608	.0660749	.0001479
#3	.0066161	.0009028	.0010257	256.9776	.0653168	.0002514

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012253	100.2012	.0120916	259.8807	.0041896	.0014971
Stddev	.0006522	.3493	.0007144	1.2357	.0005071	.0000701
%RSD	53.22794	.3485754	5.907909	.4754725	12.10329	4.681449

#1	.0009910	99.8133	.0128976	258.5761	.0036178	.0014374
#2	.0019623	100.2997	.0115369	260.0327	.0045848	.0014795
#3	.0007226	100.4907	.0118402	261.0334	.0043660	.0015743

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1794064	-.000758	.0059866	-.092757	-.005485	F .0107637
Stddev	.1152002	.003049	.0050789	.019444	.003425	.0011224
%RSD	64.21185	402.4093	84.83805	20.96282	62.44684	10.42737

#1	.1197631	.000975	.0087579	-.106928	-.001733	.0095958
#2	.1062568	-.004278	.0001249	-.100753	-.006279	.0118342
#3	.3121994	.001031	.0090771	-.070589	-.008444	.0108609

Sample Name: ICSA Acquired: 1/24/2018 14:18:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014896	.0190833	-.000451	-.002776	.0008188	.0034926
Stddev	.0007282	.0038554	.000739	.001824	.0004120	.0004335
%RSD	48.88101	20.20286	163.7579	65.71171	50.31631	12.41264

#1	.0011981	.0209460	-.000562	-.000901	.0009033	.0031454
#2	.0009524	.0146502	-.001128	-.004546	.0003711	.0033539
#3	.0023184	.0216535	.000337	-.002882	.0011820	.0039785

Elem	Sr4077
Units	ppm
Avg	.1034264
Stddev	.0002690
%RSD	.2600360

#1	.1034915
#2	.1031309
#3	.1036568

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1095.629	2310.758	35847.85	7926.546	3061.311
Stddev	21.759	4.669	344.05	31.299	3.877
%RSD	1.985972	.2020562	.9597461	.3948673	.1266552

#1	1070.641	2311.039	35451.25	7898.790	3065.319
#2	1105.849	2305.955	36066.23	7960.470	3057.579
#3	1110.396	2315.281	36026.07	7920.377	3061.036

Sample Name: ICSAB Acquired: 1/24/2018 14:22:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1046132	.0935189	.0471837	.0449503	.5738813	236.5189
Stddev	.0018657	.0062530	.0040157	.0057056	.0003692	1.2658
%RSD	1.783426	6.686363	8.510831	12.69322	.0643399	.5351862

#1	.1040948	.0947663	.0446639	.0482882	.5743046	236.5308
#2	.1066833	.0867362	.0518146	.0482005	.5737140	235.2471
#3	.1030616	.0990542	.0450726	.0383622	.5736254	237.7787

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5097340	.4987609	.9915516	245.3655	.5868932	.4930756
Stddev	.0009893	.0006657	.0039890	1.2062	.0027752	.0012535
%RSD	.1940883	.1334635	.4023018	.4915796	.4728685	.2542182

#1	.5105372	.4980215	.9873816	243.9831	.5845881	.4920543
#2	.5086289	.4989490	.9919423	245.9103	.5861179	.4926981
#3	.5100360	.4993124	.9953309	246.2032	.5899737	.4944745

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4889704	96.77873	.5258897	251.1223	1.005234	F .0655693
Stddev	.0011577	.61036	.0017161	1.4808	.002140	.0005416
%RSD	.2367536	.6306804	.3263176	.5896802	.2129271	.8260423

#1	.4884582	96.29974	.5239081	249.7802	1.003669	.0657220
#2	.4881572	96.57048	.5268806	250.8759	1.004360	.0660183
#3	.4902958	97.46597	.5268803	252.7109	1.007673	.0649678

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2517258	.4972333	.9554117	-.138985	.0083767	F .0799568
Stddev	.1373643	.0025212	.0132673	.003012	.0009037	.0025712
%RSD	54.56900	.5070384	1.388651	2.167119	10.78863	3.215731

#1	.1847599	.4943330	.9629200	-.141560	.0076164	.0787372
#2	.1606872	.4984656	.9400929	-.139722	.0081378	.0782223
#3	.4097304	.4989013	.9632223	-.135673	.0093759	.0829108

Sample Name: ICSAB Acquired: 1/24/2018 14:22:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICSAB Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0777874	.0219734	.0711433	F .0738106	.0748485	.0034295
Stddev	.0003753	.0070514	.0020922	.0014504	.0003091	.0000943
%RSD	.4825311	32.09054	2.940816	1.965062	.4130204	2.750424
#1	.0778996	.0295313	.0708653	.0723192	.0752013	.0033401
#2	.0773687	.0155714	.0692040	.0738962	.0746250	.0035281
#3	.0780938	.0208175	.0733605	.0752163	.0747191	.0034205

Elem	Sr4077
Units	ppm
Avg	.1004766
Stddev	.0001081
%RSD	.1076144
#1	.1005546
#2	.1005220
#3	.1003532

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1134.430	2380.339	37197.82	8086.614	3169.924
Stddev	8.083	1.490	78.31	33.136	1.812
%RSD	.7125607	.0626160	.2105168	.4097607	.0571754
#1	1125.135	2378.751	37157.95	8122.406	3169.867
#2	1138.336	2381.708	37147.47	8057.005	3171.765
#3	1139.818	2380.557	37288.04	8080.432	3168.141

Sample Name: CCV082 Acquired: 1/24/2018 14:36:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.167363	4.886777	25.30521	5.138764	5.228517	405.3728
Stddev	.003367	.017609	.02563	.009552	.015568	5.5651
%RSD	.0651515	.3603410	.1012941	.1858831	.2977466	1.372828

#1	5.171024	4.876565	25.32881	5.145176	5.237666	401.4943
#2	5.166665	4.907110	25.27794	5.143330	5.210542	402.8749
#3	5.164400	4.876655	25.30888	5.127786	5.237344	411.7492

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.42627	.5223985	2.588822	409.4583	16.01424	2.572632
Stddev	.10589	.0007852	.002449	2.5213	.05114	.002911
%RSD	1.015650	.1503103	.0946009	.6157598	.3193198	.1131502

#1	10.34213	.5215131	2.590412	406.9501	16.01858	2.575310
#2	10.39151	.5226720	2.586002	409.4323	16.06307	2.569534
#3	10.54518	.5230104	2.590053	411.9925	15.96108	2.573052

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.83342	400.9551	15.43498	416.8207	2.564346	F 1.509787
Stddev	.04236	1.5186	.07251	1.6854	.004269	.002048
%RSD	.2675649	.3787494	.4697692	.4043364	.1664923	.1356569

#1	15.86878	400.4512	15.37333	416.3304	2.564784	1.507427
#2	15.78647	399.7524	15.41674	415.4349	2.559875	1.510833
#3	15.84501	402.6616	15.51486	418.6969	2.568380	1.511101

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	404.7431	2.594323	15.67439	162.1382	5.073891	5.120167
Stddev	.7481	.006758	.12694	.9135	.015982	.019252
%RSD	.1848276	.2605052	.8098442	.5634387	.3149848	.3760014

#1	403.8991	2.590494	15.59534	162.4565	5.063169	5.105161
#2	405.3244	2.602127	15.60703	161.1081	5.092260	5.113466
#3	405.0057	2.590349	15.82081	162.8500	5.066243	5.141874

Sample Name: CCV082 Acquired: 1/24/2018 14:36:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.169589	5.165581	5.039984	5.142615	5.254640	5.380750
Stddev	.008659	.032383	.009801	.013391	.012350	.010217
%RSD	.1674959	.6268931	.1944604	.2603852	.2350213	.1898874

#1	5.174800	5.140934	5.034596	5.157019	5.247637	5.391516
#2	5.159593	5.202257	5.034059	5.140283	5.247384	5.379545
#3	5.174372	5.153553	5.051296	5.130544	5.268900	5.371188

Elem	Sr4077
Units	ppm
Avg	5.411629
Stddev	.023390
%RSD	.4322214

#1	5.438125
#2	5.402912
#3	5.393848

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	962.5212	2068.581	33297.72	7512.488	2640.131
Stddev	5.2308	8.275	81.13	16.166	9.866
%RSD	.5434451	.4000489	.2436576	.2151901	.3736868

#1	956.6183	2059.220	33230.30	7497.251	2628.827
#2	966.5809	2074.924	33275.10	7529.446	2644.554
#3	964.3643	2071.599	33387.77	7510.769	2647.011

Sample Name: CCB082 Acquired: 1/24/2018 14:40:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005258	.0012771	-.000969	-.000172	-.000450	.0033189	-.000282
Stddev	.0030275	.0021041	.000704	.001669	.001273	.0038717	.000276
%RSD	575.7634	164.7501	72.69142	972.7016	282.8317	116.6564	97.88167

#1	-.001669	-.000773	-.000175	-.001014	-.000076	.0073413	-.000403
#2	.003980	.003431	-.001518	.001751	-.001869	.0029976	-.000477
#3	-.000734	.001174	-.001214	-.001252	.000594	-.000382	.000034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000032	.0000401	-.001685	-.000527	-.000272	.0003437	-.002423
Stddev	.000105	.0000493	.007405	.000470	.000234	.0002428	.005076
%RSD	327.2917	123.0225	439.4243	89.10480	86.00694	70.63668	209.5036

#1	-.000038	.0000725	-.010142	-.000097	-.000138	.0005082	-.001867
#2	-.000134	-.000017	.001454	-.000456	-.000542	.0004580	.002352
#3	.000076	.000065	.003633	-.001029	-.000136	.0000649	-.007754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003824	.0110338	.0001648	-.000093	.0422340	-.000762	.0005801
Stddev	.0002464	.0160114	.0001285	.000193	.0452881	.001664	.0011659
%RSD	64.42369	145.1121	77.99971	206.8226	107.2312	218.2773	200.9896

#1	.0001027	.0200941	.0001954	-.000305	-.009832	.001034	.0003896
#2	.0005672	-.007453	.0002752	-.000047	.064039	-.002252	.0018296
#3	.0004774	.020461	.0000237	.000072	.072495	-.001069	-.000479

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031853	.0001191	.0084924	.0001233	.0032650	-.000474	.0005584
Stddev	.0217436	.0017192	.0004623	.0001535	.0032850	.000910	.0004521
%RSD	682.6175	1443.973	5.444183	124.4563	100.6129	191.9648	80.97407

#1	-.019443	-.001032	.0087234	.0003005	.0070481	-.001170	.0008267
#2	.023920	.002095	.0087937	.0000404	.0011325	.000556	.0008121
#3	.005080	-.000707	.0079601	.0000292	.0016145	-.000809	.0000364

Sample Name: CCB082 Acquired: 1/24/2018 14:40:20 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB082 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000452	.0016128	.0000309
Stddev	.000306	.0003714	.0000373
%RSD	67.65014	23.02730	120.9093

#1	-.000530	.0012942	.0000173
#2	-.000115	.0015234	.0000022
#3	-.000711	.0020207	.0000731

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1186.810	2526.436	39944.71	8010.622	4174.459
Stddev	12.041	13.779	129.53	17.754	5.892
%RSD	1.014565	.5454035	.3242662	.2216263	.1411518

#1	1174.704	2532.906	39808.05	7992.275	4176.863
#2	1198.784	2510.612	40065.68	8011.876	4167.744
#3	1186.943	2535.789	39960.39	8027.716	4178.769

Sample Name: J1227-18 Acquired: 1/24/2018 14:44:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1564287	-.016553	.1514372	.0015690	.0047378	117.2631	5.014282
Stddev	.0002029	.002315	.0027974	.0023023	.0013993	.3053	.004133
%RSD	.1297239	13.98812	1.847205	146.7436	29.53539	.2603453	.0824160

#1	.1564403	-.018299	.1523859	.0007957	.0044061	117.2216	5.009517
#2	.1562203	-.013926	.1482888	-.000247	.0035341	116.9807	5.016882
#3	.1566257	-.017433	.1536368	.004158	.0062732	117.5870	5.016447

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115764	.0095485	172.4433	.1541344	.1264438	.1739862	232.7086
Stddev	.0000908	.0001149	1.1649	.0015485	.0001736	.0008290	1.3381
%RSD	.7843885	1.203132	.6755479	1.004641	.1373049	.4764513	.5749908

#1	.0116416	.0096778	171.6141	.1553718	.1262476	.1736962	232.3905
#2	.0114727	.0095095	171.9407	.1523979	.1265062	.1733412	231.5583
#3	.0116149	.0094582	173.7752	.1546336	.1265775	.1749212	234.1771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.22320	59.58760	.3097610	.0036612	3.252296	.2338053	.5706043
Stddev	.10654	.31598	.0010253	.0003059	.066518	.0020018	.0078721
%RSD	.8716333	.5302817	.3310052	8.356659	2.045274	.8562037	1.379615

#1	12.12781	59.38397	.3090678	.0033080	3.290097	.2332463	.5647810
#2	12.20361	59.42722	.3092765	.0038426	3.175490	.2360272	.5795606
#3	12.33817	59.95161	.3109388	.0038330	3.291301	.2321424	.5674714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98394	4.136484	.0379203	.0102105	.2766679	2.692712	.0052418
Stddev	.06361	.036770	.0020027	.0005856	.0026081	.026549	.0007514
%RSD	.4245374	.8889077	5.281362	5.735214	.9426730	.9859577	14.33370

#1	14.92835	4.111974	.0379841	.0105071	.2793764	2.672441	.0060999
#2	15.05331	4.118715	.0398903	.0105885	.2741734	2.682932	.0049241
#3	14.97015	4.178763	.0358864	.0095360	.2764539	2.722764	.0047016

Sample Name: J1227-18 Acquired: 1/24/2018 14:44:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B16 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3192152	.1536183	.4867516
Stddev	.0028955	.0001358	.0028915
%RSD	.9070598	.0883861	.5940446

#1	.3190284	.1537126	.4891236
#2	.3164177	.1536797	.4835306
#3	.3221996	.1534627	.4876005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1329.487	2807.863	44683.87	9717.336	3253.293
Stddev	14.219	8.393	402.34	54.014	13.788
%RSD	1.069542	.2989258	.9004230	.5558564	.4238050

#1	1321.879	2816.942	44281.44	9696.606	3268.944
#2	1320.690	2800.385	44684.04	9778.645	3247.995
#3	1345.892	2806.263	45086.13	9676.757	3242.941

Sample Name: J1227-19 Acquired: 1/24/2018 14:48:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B16D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1563098	-.020373	.1566607	-.003926	.0048508	118.3130	5.075065
Stddev	.0009235	.001374	.0022679	.000596	.0008493	.3278	.018061
%RSD	.5908052	6.745294	1.447637	15.18847	17.50798	.2770984	.3558710

#1	.1566865	-.021863	.1592537	-.004452	.0051691	118.1192	5.058003
#2	.1569854	-.020102	.1550468	-.003278	.0038884	118.1283	5.073211
#3	.1552575	-.019155	.1556817	-.004049	.0054950	118.6916	5.093981

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117612	.0097973	173.5997	.1559174	.1286882	.1771375	236.6772
Stddev	.0000427	.0001046	.9892	.0004475	.0008643	.0008795	.9705
%RSD	.3632459	1.067887	.5698030	.2870082	.6716369	.4965324	.4100321

#1	.0117603	.0096766	172.4600	.1554547	.1283742	.1780207	235.5567
#2	.0117190	.0098600	174.2351	.1563480	.1280248	.1771300	237.2299
#3	.0118044	.0098555	174.1040	.1559495	.1296656	.1762617	237.2451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.27358	59.97299	.3171598	.0038050	3.315063	.2411565	.5711217
Stddev	.07986	.26868	.0006517	.0002685	.104509	.0021704	.0030170
%RSD	.6506916	.4480080	.2054629	7.055583	3.152557	.9000140	.5282538

#1	12.18503	59.66484	.3171870	.0035476	3.310786	.2429042	.5740721
#2	12.29556	60.09589	.3164950	.0037839	3.212759	.2418382	.5712507
#3	12.34015	60.15824	.3177975	.0040833	3.421646	.2387270	.5680423

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.11254	4.218807	.0340389	.0103963	.2763985	2.709146	.0052940
Stddev	.21951	.011496	.0020869	.0003092	.0047532	.003210	.0006988
%RSD	1.452486	.2725039	6.130828	2.973886	1.719706	.1184698	13.20085

#1	14.97564	4.228474	.0341226	.0103672	.2818528	2.709952	.0044914
#2	14.99626	4.206094	.0360827	.0101027	.2731414	2.705611	.0057681
#3	15.36573	4.221851	.0319115	.0107190	.2742011	2.711876	.0056224

Sample Name: J1227-19 Acquired: 1/24/2018 14:48:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B16D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3219767	.1556818	.4915050
Stddev	.0013403	.0016470	.0007295
%RSD	.4162770	1.057921	.1484307

#1	.3224606	.1545197	.4912505
#2	.3204616	.1549591	.4909369
#3	.3230079	.1575666	.4923278

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.594	2770.058	44257.56	9610.786	3201.123
Stddev	13.212	5.680	243.29	26.535	4.644
%RSD	1.008100	.2050533	.5497230	.2760994	.1450879

#1	1295.902	2763.622	43978.47	9599.748	3200.340
#2	1321.499	2772.180	44424.92	9641.059	3206.110
#3	1314.381	2774.371	44369.29	9591.552	3196.920

Sample Name: J1227-21 Acquired: 1/24/2018 15:00:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1502525	-.027796	.1258903	.0115134	.0067382	113.7969	2.876498
Stddev	.0041068	.006470	.0020049	.0029557	.0034448	.4724	.000616
%RSD	2.733288	23.27845	1.592553	25.67161	51.12367	.4151646	.0213993

#1	.1543672	-.025131	.1282051	.0149066	.0075158	113.4991	2.877115
#2	.1461535	-.023083	.1247633	.0101343	.0097278	114.3417	2.875884
#3	.1502369	-.035173	.1247026	.0094993	.0029710	113.5500	2.876496

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116171	.0092591	295.5968	.1516985	.1051581	.1822112	235.3526
Stddev	.0001536	.0002279	2.2288	.0009313	.0003246	.0024160	1.6574
%RSD	1.322248	2.461490	.7540084	.6139369	.3086432	1.325912	.7042030

#1	.0116022	.0095157	294.7938	.1522689	.1048092	.1801698	234.5283
#2	.0114715	.0091812	298.1158	.1506238	.1054511	.1848785	237.2605
#3	.0117776	.0090803	293.8807	.1522028	.1052140	.1815853	234.2690

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.593838	58.52316	.2708373	.0040687	4.235662	.2329446	.5588955
Stddev	.014981	.32813	.0003288	.0001322	.104846	.0055646	.0059461
%RSD	.5775471	.5606757	.1214026	3.248379	2.475317	2.388812	1.063907

#1	2.592826	58.22809	.2708344	.0040873	4.261963	.2295190	.5545149
#2	2.609299	58.87652	.2705099	.0041906	4.324853	.2393653	.5565071
#3	2.579390	58.46488	.2711675	.0039282	4.120169	.2299495	.5656645

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.83884	5.928456	.0323233	.0008695	.5085558	2.841953	.0027911
Stddev	.12740	.029019	.0035593	.0004123	.0064646	.021999	.0018804
%RSD	.7565784	.4894850	11.01158	47.41345	1.271163	.7740759	67.37010

#1	16.88267	5.911623	.0286718	.0007620	.5142247	2.853153	.0028615
#2	16.93854	5.911780	.0325155	.0013250	.5015156	2.856098	.0046353
#3	16.69531	5.961964	.0357826	.0005217	.5099271	2.816608	.0008765

Sample Name: J1227-21 Acquired: 1/24/2018 15:00:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B17 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2712522	.1352629	.6923752
Stddev	.0016913	.0010661	.0008307
%RSD	.6235101	.7881955	.1199777

#1	.2716293	.1364914	.6931834
#2	.2727232	.1345796	.6915237
#3	.2694042	.1347178	.6924186

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1245.476	2626.033	41918.74	9122.841	3118.843
Stddev	12.153	10.060	122.23	83.847	8.620
%RSD	.9757447	.3830913	.2915899	.9190870	.2763852

#1	1232.287	2631.093	41780.60	9086.622	3119.936
#2	1256.222	2614.447	42012.86	9063.192	3109.729
#3	1247.918	2632.558	41962.76	9218.710	3126.865

Sample Name: J1227-22 Acquired: 1/24/2018 15:04:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0319993	-.005518	.2005413	.0046293	.0016851	84.25031	2.419933
Stddev	.0010308	.000887	.0029820	.0032715	.0018207	.31430	.003443
%RSD	3.221240	16.07985	1.486993	70.66858	108.0502	.3730607	.1422833

#1	.0327897	-.006367	.1980688	.0022587	-.000405	84.04728	2.416074
#2	.0308334	-.004597	.1997021	.0083617	.002927	84.09130	2.421034
#3	.0323749	-.005591	.2038531	.0032676	.002533	84.61235	2.422691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102928	.0015828	77.06189	.1106736	.0748082	.1251455	100.0881
Stddev	.0001483	.0002360	.22659	.0006449	.0000883	.0013559	.3563
%RSD	1.440777	14.91270	.2940375	.5826728	.1180381	1.083486	.3560115

#1	.0102261	.0018171	76.80681	.1099689	.0747063	.1243040	99.8463
#2	.0101895	.0015863	77.13899	.1112342	.0748600	.1267097	99.9207
#3	.0104627	.0013450	77.23987	.1108178	.0748584	.1244228	100.4973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.818151	54.19441	.2033007	.0013737	3.218893	.0881301	.4163712
Stddev	.014229	.29007	.0016806	.0003186	.089581	.0001940	.0109667
%RSD	.3726554	.5352317	.8266789	23.19517	2.782978	.2200733	2.633882

#1	3.802117	53.93110	.2017898	.0010189	3.281914	.0880584	.4171353
#2	3.829273	54.14680	.2051109	.0014668	3.258417	.0883497	.4269359
#3	3.823063	54.50534	.2030013	.0016353	3.116347	.0879822	.4050424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.67337	.9749472	.0156387	-.000151	.1040124	1.463331	.0025740
Stddev	.09161	.0059326	.0013860	.000311	.0035735	.015613	.0013909
%RSD	.7228641	.6085019	8.862861	205.6296	3.435639	1.066942	54.03794

#1	12.59828	.9687346	.0168832	-.000510	.1073288	1.455569	.0010089
#2	12.64639	.9805531	.0158879	.000041	.1044805	1.453121	.0030442
#3	12.77544	.9755538	.0141450	.000016	.1002279	1.481304	.0036688

Sample Name: J1227-22 Acquired: 1/24/2018 15:04:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B18 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1186720	.1379314	.2950996
Stddev	.0007938	.0001575	.0012702
%RSD	.6689061	.1142165	.4304320

#1	.1190206	.1379486	.2943392
#2	.1177635	.1377659	.2943937
#3	.1192319	.1380796	.2965660

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1233.276	2593.333	41453.78	8821.229	3412.762
Stddev	11.710	4.073	230.35	36.455	10.660
%RSD	.9494925	.1570688	.5556810	.4132635	.3123579

#1	1222.753	2593.773	41335.81	8813.385	3420.133
#2	1231.184	2589.057	41306.31	8860.968	3400.539
#3	1245.891	2597.168	41719.22	8789.335	3417.613

Sample Name: PB105954BL Acquired: 1/24/2018 15:09:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029595	.0029508	-.001451	-.000929	-.000891	.0061893	-.000078
Stddev	.0028404	.0016258	.000507	.001605	.000466	.0027351	.000456
%RSD	95.97577	55.09593	34.91492	172.7077	52.27259	44.19127	587.2778

#1	.0039995	.0044190	-.001560	-.002779	-.000722	.0057074	.000155
#2	.0051334	.0012036	-.001895	.000093	-.000534	.0091333	-.000603
#3	-.000254	.0032299	-.000899	-.000101	-.001419	.0037271	.000215

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000263	.0000512	-.009401	-.000331	-.000020	.0008193	-.002920
Stddev	.0000802	.0000735	.007872	.000276	.000071	.0012848	.004462
%RSD	304.8885	143.4326	83.73371	83.48962	360.2650	156.8065	152.8011

#1	.0001130	-.000030	-.010596	-.000346	.000029	-.000543	-.001502
#2	-.000045	.000114	-.001000	-.000047	-.000101	.002009	-.007919
#3	.000011	.000069	-.016607	-.000599	.000013	.000992	.000661

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001670	.0047133	-.000142	-.000118	.1068593	.0011106	.0018675
Stddev	.0003145	.0132704	.000557	.000145	.1300334	.0007263	.0015073
%RSD	188.3711	281.5537	391.9334	123.0688	121.6865	65.39648	80.71348

#1	-.000005	-.009593	-.000328	.000023	.0356388	.0010850	.0035325
#2	-.000024	.007111	-.000582	-.000266	.0279951	.0018494	.0005958
#3	.000530	.016621	.000484	-.000111	.2569440	.0003974	.0014742

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.031936	-.000659	.0014595	-.000020	.0028015	.0001331	.0002745
Stddev	.055124	.000583	.0008013	.000348	.0016416	.0004591	.0011467
%RSD	172.6073	88.55466	54.90164	1757.683	58.59581	345.0399	417.6868

#1	-.037235	-.001276	.0008069	-.000290	.0034019	.0004425	-.000820
#2	-.084219	-.000117	.0012178	.000373	.0040584	.0003511	.001467
#3	.025646	-.000583	.0023538	-.000142	.0009443	-.000394	.000177

Sample Name: PB105954BL Acquired: 1/24/2018 15:09:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000582	-.000751	.0000192
Stddev	.0005811	.000178	.0000239
%RSD	998.7503	23.71012	124.2313

#1	-.000547	-.000595	.0000468
#2	.000110	-.000945	.0000041
#3	.000612	-.000712	.0000068

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1187.588	2520.845	39933.88	7996.617	4186.247
Stddev	11.227	7.300	101.66	23.198	8.478
%RSD	.9453198	.2895749	.2545621	.2900926	.2025095

#1	1174.624	2512.586	39816.50	8000.947	4176.713
#2	1194.092	2526.434	39991.62	7971.559	4192.936
#3	1194.046	2523.516	39993.51	8017.344	4189.091

Sample Name: J1242-01 Acquired: 1/24/2018 15:17:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1931886	-.035350	.2403980	-.004142	.0100991	168.8525	3.908361
Stddev	.0044644	.001789	.0027208	.005484	.0017179	.6349	.020740
%RSD	2.310899	5.061039	1.131788	132.4130	17.01086	.3759917	.5306565

#1	.1905705	-.036929	.2401433	-.005904	.0106671	168.1197	3.886014
#2	.1906518	-.033407	.2432372	-.008528	.0114611	169.2029	3.926991
#3	.1983434	-.035715	.2378135	.002007	.0081691	169.2350	3.912079

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0162840	.0073151	224.4295	.2189493	.1571788	.2447664	322.1751
Stddev	.0000630	.0000271	1.4394	.0017357	.0006424	.0034837	1.4563
%RSD	.3870307	.3704467	.6413789	.7927439	.4087074	1.423296	.4520110

#1	.0162302	.0073269	223.2898	.2204650	.1579120	.2409538	320.6301
#2	.0163533	.0072841	226.0471	.2193272	.1569098	.2477839	323.5224
#3	.0162683	.0073343	223.9517	.2170558	.1567146	.2455615	322.3729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.721270	96.49822	.4045489	.0057416	4.696986	.3624615	.6688451
Stddev	.032994	.44008	.0013393	.0002250	.055497	.0037632	.0041255
%RSD	.6988439	.4560491	.3310549	3.918088	1.181542	1.038230	.6168071

#1	4.692422	95.99118	.4058456	.0057817	4.705774	.3606264	.6665197
#2	4.757245	96.78092	.4031708	.0054993	4.637619	.3667902	.6736083
#3	4.714141	96.72256	.4046303	.0059438	4.747564	.3599680	.6664072

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.08936	5.049431	.0504091	.0039429	.4571895	4.244435	.0096569
Stddev	.06092	.006796	.0077547	.0005674	.0044694	.024493	.0027149
%RSD	.2428258	.1345908	15.38359	14.39070	.9775855	.5770690	28.11380

#1	25.03778	5.041876	.0414718	.0032881	.4576084	4.264630	.0105627
#2	25.07372	5.055045	.0553562	.0042505	.4525254	4.251486	.0066048
#3	25.15658	5.051373	.0543993	.0042900	.4614348	4.217190	.0118030

Sample Name: J1242-01 Acquired: 1/24/2018 15:17:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B19 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3759100	.2476865	.6211406
Stddev	.0067753	.0009062	.0005600
%RSD	1.802379	.3658822	.0901601

#1	.3709054	.2467087	.6206623
#2	.3836200	.2478527	.6217567
#3	.3732045	.2484981	.6210029

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1241.400	2603.751	42057.55	9128.594	3127.948
Stddev	6.357	1.958	264.82	36.556	6.322
%RSD	.5120775	.0752168	.6296724	.4004576	.2021270

#1	1234.709	2605.214	41774.87	9100.159	3120.671
#2	1242.131	2601.526	42097.89	9115.795	3132.092
#3	1247.360	2604.514	42299.89	9169.829	3131.081

Sample Name: J1242-02 Acquired: 1/24/2018 15:21:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446842	-.015116	.0958343	.0000820	.0036192	104.3748	2.468764
Stddev	.0019114	.002774	.0013349	.0017566	.0010519	.5536	.015646
%RSD	4.277569	18.34972	1.392920	2142.651	29.06265	.5304042	.6337644

#1	.0465132	-.015653	.0951461	-.000712	.0036352	104.0180	2.454787
#2	.0448395	-.012113	.0949839	-.001138	.0025595	104.0940	2.465838
#3	.0426999	-.017582	.0973729	.002095	.0046630	105.0126	2.485666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097305	.0025623	161.5022	.1480512	.0750955	.1071253	156.7321
Stddev	.0001381	.0001254	1.0310	.0007773	.0005641	.0014639	.4315
%RSD	1.419303	4.893828	.6383867	.5250041	.7511755	1.366535	.2752864

#1	.0098652	.0024276	160.5381	.1477023	.0744796	.1062041	156.3535
#2	.0095892	.0026756	161.3793	.1489418	.0755871	.1063585	156.6410
#3	.0097372	.0025837	162.5891	.1475095	.0752198	.1088133	157.2019

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.273775	65.49748	.2012374	.0023717	3.054572	.1744170	.4517737
Stddev	.023088	.21453	.0007706	.0001544	.038805	.0019163	.0100625
%RSD	1.015392	.3275350	.3829205	6.508165	1.270390	1.098686	2.227321

#1	2.252859	65.27182	.2012109	.0022005	3.014062	.1727600	.4405532
#2	2.269917	65.52182	.2020209	.0025001	3.091411	.1739754	.4599971
#3	2.298548	65.69880	.2004804	.0024146	3.058244	.1765155	.4547706

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.78034	3.281721	.0392723	.0001000	.3177131	2.522806	.0053467
Stddev	.21961	.049959	.0012958	.0002292	.0069473	.018565	.0012664
%RSD	1.391657	1.522340	3.299631	229.1660	2.186662	.7358823	23.68611

#1	15.71748	3.247053	.0378474	-.000128	.3109994	2.544204	.0042356
#2	15.59901	3.338986	.0403804	.000330	.3248725	2.513224	.0067256
#3	16.02452	3.259124	.0395890	.000098	.3172674	2.510989	.0050789

Sample Name: J1242-02 Acquired: 1/24/2018 15:21:22 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B20 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4130476	.1515499	.3556239
Stddev	.0009441	.0007327	.0009639
%RSD	.2285682	.4834962	.2710520

#1	.4136217	.1507231	.3561685
#2	.4119580	.1518073	.3561922
#3	.4135632	.1521191	.3545109

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1239.567	2634.639	41733.98	8967.457	3300.365
Stddev	2.528	6.219	96.35	28.085	9.183
%RSD	.2039757	.2360649	.2308572	.3131925	.2782349

#1	1239.443	2628.358	41844.31	8941.182	3290.175
#2	1242.155	2634.765	41666.45	8997.057	3302.923
#3	1237.103	2640.795	41691.18	8964.132	3307.998

Sample Name: J1242-03 Acquired: 1/24/2018 15:25:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1265022	-.013935	.1025232	.0006718	.0026271	91.42616	2.330481
Stddev	.0043112	.002128	.0040023	.0026343	.0012220	.36721	.000914
%RSD	3.408027	15.27489	3.903834	392.1508	46.51330	.4016485	.0392408

#1	.1249839	-.011515	.1038077	.0025210	.0035685	91.25791	2.330985
#2	.1231555	-.015518	.0980364	.0018387	.0012462	91.84735	2.331032
#3	.1313671	-.014771	.1057257	-.002344	.0030667	91.17322	2.329425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089035	.0020909	86.76081	.1336924	.0717537	.1260985	159.0241
Stddev	.0001804	.0001737	.50513	.0004907	.0003015	.0033415	.9343
%RSD	2.026001	8.306736	.5822136	.3670018	.4201629	2.649908	.5875440

#1	.0087080	.0021327	86.40470	.1331508	.0715709	.1242435	158.3694
#2	.0090634	.0019002	87.33893	.1341073	.0721016	.1240960	160.0941
#3	.0089392	.0022400	86.53881	.1338191	.0715884	.1299560	158.6088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.190378	58.87171	.1768743	.0028131	2.575941	.2052187	.4262764
Stddev	.025421	.39282	.0002347	.0001507	.048203	.0013551	.0073434
%RSD	.6066628	.6672446	.1327060	5.356275	1.871260	.6603363	1.722688

#1	4.169206	58.53568	.1766406	.0027168	2.528823	.2066227	.4294759
#2	4.218573	59.30358	.1771101	.0027358	2.573841	.2039184	.4314771
#3	4.183355	58.77586	.1768722	.0029868	2.625160	.2051149	.4178760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72135	3.106367	.0388442	.0015413	.2130681	2.793828	.0042365
Stddev	.16424	.012224	.0032314	.0004281	.0057308	.055488	.0028785
%RSD	1.115690	.3935286	8.318777	27.77604	2.689667	1.986097	67.94644

#1	14.57755	3.100612	.0418553	.0011600	.2071676	2.761989	.0014575
#2	14.90034	3.098083	.0392469	.0014595	.2186126	2.761595	.0040468
#3	14.68617	3.120407	.0354304	.0020044	.2134243	2.857900	.0072051

Sample Name: J1242-03 Acquired: 1/24/2018 15:25:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B21 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4615209	.1300963	.2973606
Stddev	.0020530	.0008903	.0014693
%RSD	.4448353	.6843168	.4940973

#1	.4593265	.1291067	.2961869
#2	.4618414	.1303501	.2968865
#3	.4633948	.1308322	.2990083

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1234.517	2613.003	41462.69	8783.999	3425.305
Stddev	17.542	12.525	289.21	38.253	13.619
%RSD	1.420987	.4793158	.6975177	.4354894	.3975976

#1	1214.307	2599.831	41148.62	8823.922	3415.712
#2	1245.806	2624.759	41521.43	8747.669	3440.893
#3	1243.438	2614.419	41718.02	8780.406	3419.309

Sample Name: J1242-04 Acquired: 1/24/2018 15:29:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0400363	-.013010	.0926144	-.000432	.0023226	64.29578	1.672161
Stddev	.0029505	.001527	.0021799	.001054	.0018813	.14343	.003627
%RSD	7.369483	11.73465	2.353795	244.2387	81.00318	.2230734	.2169175

#1	.0429727	-.014635	.0940657	-.001258	.0040970	64.40847	1.675351
#2	.0400644	-.011606	.0936699	.000756	.0003500	64.34454	1.672917
#3	.0370719	-.012789	.0901076	-.000793	.0025207	64.13433	1.668216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059892	.0023243	183.0579	.1131414	.0585823	.0860680	116.2833
Stddev	.0000840	.0000533	.6749	.0007207	.0002902	.0013787	.0387
%RSD	1.402893	2.294544	.3686614	.6370205	.4954336	1.601851	.0332867

#1	.0060751	.0023420	182.3218	.1123777	.0582933	.0875458	116.2417
#2	.0059854	.0023665	183.2044	.1138096	.0588737	.0848165	116.2899
#3	.0059072	.0022643	183.6475	.1132368	.0585797	.0858415	116.3182

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.917867	72.15694	.1483984	.0019109	1.898204	.1503608	.3431872
Stddev	.003817	.32180	.0006039	.0000740	.050631	.0010455	.0107452
%RSD	.1990347	.4459787	.4069726	3.874414	2.667320	.6953049	3.130987

#1	1.914011	71.86014	.1479512	.0018277	1.841734	.1494901	.3391407
#2	1.917946	72.49897	.1490854	.0019354	1.913331	.1515203	.3350529
#3	1.921644	72.11171	.1481586	.0019695	1.939548	.1500721	.3553681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.96704	4.354348	.0315436	.0011216	.9314955	2.756105	.0031931
Stddev	.00434	.003999	.0013160	.0001998	.0086326	.017546	.0004522
%RSD	.0334473	.0918320	4.171983	17.81047	.9267488	.6366105	14.16187

#1	12.96870	4.352167	.0319639	.0011282	.9246490	2.774769	.0031364
#2	12.97030	4.358963	.0325981	.0013180	.9286445	2.739947	.0036710
#3	12.96212	4.351914	.0300688	.0009187	.9411931	2.753600	.0027719

Sample Name: J1242-04 Acquired: 1/24/2018 15:29:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B27 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9092732	.1036763	.4257859
Stddev	.0041600	.0007416	.0007792
%RSD	.4575125	.7152532	.1829911

#1	.9053050	.1044771	.4264688
#2	.9136016	.1035383	.4259516
#3	.9089130	.1030134	.4249372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1223.512	2592.686	41248.55	8884.308	3300.056
Stddev	9.683	5.435	61.46	35.064	11.124
%RSD	.7914476	.2096132	.1490030	.3946765	.3370711

#1	1217.854	2589.905	41208.89	8907.251	3292.707
#2	1234.693	2589.204	41319.35	8901.728	3294.608
#3	1217.988	2598.948	41217.41	8843.945	3312.853

Sample Name: J1242-05 Acquired: 1/24/2018 15:33:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0811821	-.014484	.2238460	.0073741	.0047291	143.4704	2.849394
Stddev	.0032975	.001474	.0013796	.0032760	.0021884	.1989	.011809
%RSD	4.061848	10.17800	.6163120	44.42533	46.27590	.1386620	.4144280

#1	.0773748	-.014799	.2237094	.0092155	.0033739	143.3733	2.859106
#2	.0831275	-.012878	.2225399	.0093151	.0072537	143.3386	2.836250
#3	.0830440	-.015776	.2252889	.0035918	.0035595	143.6992	2.852828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116174	.0021646	29.35294	.2702725	.0911602	.0767027	195.2017
Stddev	.0000223	.0001137	.14851	.0008662	.0006245	.0017179	.6918
%RSD	.1922003	5.253536	.5059436	.3204898	.6850860	2.239683	.3543986

#1	.0115968	.0022857	29.30004	.2709758	.0918785	.0781440	195.2026
#2	.0116141	.0021481	29.52066	.2705368	.0907454	.0748017	195.8931
#3	.0116411	.0020601	29.23812	.2693050	.0908567	.0771625	194.5095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.153690	15.22368	.0813150	.0033468	1.700519	.3475922	.3501839
Stddev	.026676	.02803	.0000874	.0003539	.075362	.0021801	.0016416
%RSD	.5176004	.1840983	.1075278	10.57417	4.431713	.6271994	.4687949

#1	5.156305	15.24173	.0812608	.0034824	1.613756	.3450965	.3520005
#2	5.178962	15.19139	.0812683	.0029451	1.749690	.3485546	.3488065
#3	5.125804	15.23791	.0814158	.0036128	1.738112	.3491255	.3497447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.725725	.4980134	.0163734	.0019040	1.058160	2.417994	.0083807
Stddev	.022560	.0026748	.0018541	.0002778	.005310	.003324	.0013922
%RSD	.4773853	.5370884	11.32375	14.58743	.5017948	.1374640	16.61150

#1	4.716135	.4961396	.0148675	.0022154	1.063367	2.421013	.0070687
#2	4.709544	.5010766	.0158084	.0016818	1.058362	2.418537	.0082322
#3	4.751495	.4968240	.0184442	.0018149	1.052753	2.414432	.0098411

Sample Name: J1242-05 Acquired: 1/24/2018 15:33:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B28 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1551063	.0420525	.2146853
Stddev	.0021043	.0004658	.0006097
%RSD	1.356685	1.107751	.2840177

#1	.1545305	.0424037	.2150739
#2	.1533498	.0415240	.2139826
#3	.1574386	.0422296	.2149995

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1286.406	2718.877	42812.10	9066.175	3515.638
Stddev	12.269	5.007	133.40	46.763	11.889
%RSD	.9537576	.1841690	.3115853	.5157980	.3381733

#1	1278.806	2715.238	42667.29	9057.992	3504.236
#2	1300.561	2716.804	42929.97	9024.044	3514.718
#3	1279.852	2724.587	42839.04	9116.490	3527.960

Sample Name: J1242-06 Acquired: 1/24/2018 15:37:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461396	-.020923	.1032383	-.001082	.0045378	127.1370	2.729803
Stddev	.0040474	.004091	.0022679	.004148	.0011930	.6883	.013511
%RSD	8.771989	19.55170	2.196742	383.5075	26.29058	.5413670	.4949619

#1	.0414818	-.016604	.1016278	-.005479	.0033299	127.8890	2.736302
#2	.0481364	-.024739	.1058319	.002761	.0045682	126.9835	2.738837
#3	.0488004	-.021424	.1022553	-.000527	.0057153	126.5384	2.714270

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141803	.0038054	30.94216	.1406260	.1460577	.0902985	158.7480
Stddev	.0001612	.0001614	.11336	.0009697	.0004203	.0010726	.6929
%RSD	1.136626	4.242263	.3663469	.6895782	.2877334	1.187861	.4364501

#1	.0143626	.0036190	31.02678	.1398571	.1463945	.0899361	159.5202
#2	.0141219	.0038970	30.81336	.1403055	.1461919	.0915054	158.5432
#3	.0140566	.0039003	30.98632	.1417154	.1455867	.0894540	158.1806

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.554635	32.08104	.2755410	.0024278	2.747020	.2052024	.2552439
Stddev	.007519	.08749	.0011580	.0001216	.087625	.0025972	.0035977
%RSD	.2943316	.2727057	.4202632	5.008966	3.189831	1.265663	1.409508

#1	2.559828	32.12040	.2764140	.0023027	2.665644	.2053142	.2513049
#2	2.558065	31.98078	.2759817	.0024353	2.839782	.2077418	.2583565
#3	2.546013	32.14192	.2742274	.0025456	2.735636	.2025511	.2560702

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.116778	.5316750	.0147277	.0000735	.3021404	3.045555	.0085508
Stddev	.087602	.0075675	.0008948	.0003135	.0011340	.041937	.0016038
%RSD	1.230921	1.423335	6.075451	426.5755	.3753363	1.376996	18.75656

#1	7.199506	.5310480	.0155820	.0003429	.3011615	3.093519	.0068074
#2	7.125825	.5244404	.0148039	.0001481	.3033831	3.015800	.0099635
#3	7.025004	.5395365	.0137973	-.000271	.3018765	3.027347	.0088816

Sample Name: J1242-06 Acquired: 1/24/2018 15:37:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B29 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3121903	.1116106	.2328589
Stddev	.0035293	.0011223	.0001810
%RSD	1.130488	1.005549	.0777183

#1	.3160029	.1121962	.2326562
#2	.3115304	.1123190	.2330044
#3	.3090375	.1103167	.2329160

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1462.099	3063.712	48607.37	10210.88	3509.418
Stddev	6.988	18.239	47.58	67.05	21.230
%RSD	.4779690	.5953114	.0978947	.6566343	.6049453

#1	1457.303	3049.201	48590.05	10148.59	3495.070
#2	1458.876	3057.750	48661.19	10281.84	3499.378
#3	1470.117	3084.186	48570.87	10202.21	3533.806

Sample Name: J1242-07 Acquired: 1/24/2018 15:41:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810360	-.019926	.1327541	-.000601	.0031751	111.4640	3.237473
Stddev	.0036590	.002447	.0012861	.000798	.0013376	.9208	.012509
%RSD	4.515309	12.28267	.9687902	132.7821	42.12669	.8260727	.3863738

#1	.0792277	-.018947	.1312935	-.001520	.0039756	112.5261	3.251622
#2	.0786331	-.018120	.1337171	-.000084	.0039186	110.8898	3.227883
#3	.0852471	-.022711	.1332516	-.000199	.0016309	110.9762	3.232915

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143017	.0041410	35.87444	.1345254	.1143944	.1256402	154.2655
Stddev	.0001045	.0001477	.14185	.0008916	.0011168	.0016396	.9208
%RSD	.7308122	3.566702	.3954173	.6627656	.9762547	1.305009	.5969004

#1	.0143722	.0040173	36.00392	.1335186	.1144351	.1262451	155.1709
#2	.0143514	.0043045	35.72281	.1348426	.1154903	.1237840	153.3300
#3	.0141816	.0041012	35.89658	.1352151	.1132578	.1268914	154.2957

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.823679	36.97642	.3142410	.0021706	3.739085	.1973037	.3211458
Stddev	.020179	.23145	.0023040	.0002390	.063688	.0015194	.0057625
%RSD	.5277350	.6259419	.7331980	11.01250	1.703311	.7700970	1.794361

#1	3.839495	37.23064	.3156589	.0024464	3.712880	.1990183	.3207050
#2	3.800953	36.77791	.3154815	.0020423	3.692679	.1961244	.3271161
#3	3.830590	36.92070	.3115825	.0020231	3.811695	.1967684	.3156163

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.311789	1.266262	.0208710	.0015377	.2953843	2.294167	.0072756
Stddev	.066052	.013473	.0014514	.0003337	.0015091	.020601	.0014892
%RSD	.7946750	1.064036	6.954307	21.70326	.5108863	.8979812	20.46888

#1	8.387160	1.279519	.0214474	.0011559	.2943011	2.295785	.0076506
#2	8.263990	1.266684	.0192200	.0017736	.2947438	2.313911	.0085416
#3	8.284218	1.252582	.0219458	.0016838	.2971080	2.272804	.0056348

Sample Name: J1242-07 Acquired: 1/24/2018 15:41:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B30 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2636779	.1168435	.2542612
Stddev	.0017394	.0004940	.0003795
%RSD	.6596779	.4228030	.1492620

#1	.2619588	.1171596	.2542192
#2	.2636378	.1170967	.2546599
#3	.2654370	.1162742	.2539044

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1515.284	3201.790	50423.00	10739.95	3440.912
Stddev	10.485	25.082	95.47	62.01	29.257
%RSD	.6919745	.7833819	.1893296	.5773528	.8502633

#1	1511.852	3188.954	50376.59	10673.88	3425.350
#2	1506.944	3185.723	50359.62	10796.88	3422.725
#3	1527.055	3230.692	50532.80	10749.11	3474.661

Sample Name: J1242-08 Acquired: 1/24/2018 15:45:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1166352	-.017595	.1741872	-.000675	.0031616	103.9815	4.356336
Stddev	.0042394	.002843	.0039575	.002383	.0019114	.4081	.008444
%RSD	3.634728	16.15710	2.271986	352.9348	60.45595	.3924932	.1938428

#1	.1213725	-.014384	.1701098	-.003422	.0049229	104.4080	4.362541
#2	.1131985	-.019790	.1744390	.000561	.0034328	103.9420	4.359748
#3	.1153346	-.018612	.1780128	.000836	.0011291	103.5946	4.346720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116596	.0041176	43.59437	.1334782	.1241459	.1592609	210.1552
Stddev	.0001051	.0001186	.15354	.0000944	.0005617	.0024018	.8523
%RSD	.9015933	2.879234	.3521981	.0707456	.4524580	1.508112	.4055573

#1	.0117324	.0040051	43.60149	.1335854	.1235226	.1568402	210.4498
#2	.0117072	.0042414	43.74423	.1334419	.1246130	.1616434	210.8211
#3	.0115391	.0041065	43.43740	.1334073	.1243021	.1592992	209.1946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.507565	48.13617	.2683957	.0026215	4.879597	.2137217	.4160515
Stddev	.052172	.17074	.0005604	.0001673	.104952	.0027282	.0048487
%RSD	.5487386	.3546981	.2087845	6.381195	2.150826	1.276528	1.165409

#1	9.502233	48.16509	.2678227	.0027890	4.997079	.2110897	.4112930
#2	9.562198	48.29060	.2689425	.0026210	4.795101	.2165369	.4158759
#3	9.458264	47.95282	.2684220	.0024544	4.846611	.2135384	.4209857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79424	2.238875	.0211702	.0048196	.1906939	2.108125	.0074086
Stddev	.05391	.018452	.0034330	.0003070	.0104563	.019563	.0015886
%RSD	.4993901	.8241424	16.21615	6.369534	5.483287	.9279604	21.44266

#1	10.80751	2.240605	.0200822	.0048477	.1933297	2.130150	.0085544
#2	10.84027	2.256401	.0184131	.0051116	.1995800	2.101460	.0080762
#3	10.73493	2.219619	.0250154	.0044996	.1791718	2.092767	.0055951

Sample Name: J1242-08 Acquired: 1/24/2018 15:45:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1883214	.1300748	.2964423
Stddev	.0014885	.0007069	.0006233
%RSD	.7904177	.5434511	.2102565

#1	.1874123	.1308861	.2959915
#2	.1900393	.1295911	.2961818
#3	.1875128	.1297472	.2971536

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1395.240	2926.535	46685.60	9847.197	3446.163
Stddev	1.081	8.388	109.56	66.596	4.386
%RSD	.0774467	.2866356	.2346805	.6762912	.1272763

#1	1395.751	2919.615	46559.21	9841.160	3442.454
#2	1393.999	2935.865	46753.51	9783.825	3451.005
#3	1395.970	2924.126	46744.09	9916.605	3445.031

Sample Name: J1242-09 Acquired: 1/24/2018 15:49:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1251249	-.025039	.2022805	-.000307	.0048133	123.0355	4.266070
Stddev	.0023691	.002633	.0017954	.002916	.0020478	.0402	.004285
%RSD	1.893350	10.51494	.8876017	948.5625	42.54469	.0326392	.1004520

#1	.1277761	-.027055	.2003911	.001364	.0054438	123.0505	4.270775
#2	.1232155	-.026002	.2039643	-.003674	.0064718	123.0659	4.265045
#3	.1243831	-.022060	.2024861	.001388	.0025244	122.9900	4.262390

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133448	.0060833	409.7804	.1573195	.1349577	.2142684	205.8771
Stddev	.0001862	.0002268	1.4549	.0007910	.0002052	.0021847	.5321
%RSD	1.394972	3.728330	.3550373	.5028205	.1520252	1.019616	.2584695

#1	.0133954	.0063251	408.7704	.1569113	.1351245	.2146502	205.3397
#2	.0135004	.0058752	409.1228	.1582313	.1347286	.2162371	205.8876
#3	.0131386	.0060496	411.4480	.1568160	.1350201	.2119180	206.4038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.927718	60.42818	.3013533	.0027927	5.162186	.2877750	.4954322
Stddev	.026083	.07685	.0007160	.0001701	.032671	.0029871	.0013236
%RSD	.3290117	.1271691	.2376051	6.090919	.6328973	1.038005	.2671652

#1	7.910794	60.34663	.3014717	.0029694	5.168950	.2910461	.4953410
#2	7.914604	60.43868	.3020027	.0026301	5.126662	.2851920	.4941566
#3	7.957756	60.49924	.3005854	.0027784	5.190946	.2870870	.4967991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.60078	3.160669	.0174046	.0066693	.4032035	5.001379	.0065724
Stddev	.03883	.013821	.0058955	.0001463	.0060425	.075892	.0029663
%RSD	.2488905	.4372727	33.87307	2.193086	1.498624	1.517427	45.13370

#1	15.64176	3.176627	.0174582	.0065505	.4027559	4.966016	.0094996
#2	15.59602	3.152788	.0114824	.0066248	.3973972	5.088500	.0035684
#3	15.56454	3.152591	.0232730	.0068327	.4094573	4.949622	.0066491

Sample Name: J1242-09 Acquired: 1/24/2018 15:49:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2995399	.1563338	.4561759
Stddev	.0048302	.0005042	.0015375
%RSD	1.612551	.3224958	.3370397

#1	.2945847	.1560363	.4554301
#2	.3042346	.1569159	.4579440
#3	.2998003	.1560492	.4551535

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1297.670	2716.936	43143.19	9318.978	3055.560
Stddev	1.855	9.362	170.46	15.491	9.534
%RSD	.1429494	.3445614	.3950951	.1662263	.3120207

#1	1298.622	2708.603	43329.90	9336.762	3046.034
#2	1298.855	2715.141	43103.80	9311.752	3055.543
#3	1295.532	2727.066	42995.88	9308.422	3065.102

Sample Name: J1242-10 Acquired: 1/24/2018 15:53:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1722141	-.025585	.1570092	-.001716	.0053648	129.3837	2.310486
Stddev	.0051505	.002789	.0023142	.000876	.0021000	.3568	.005624
%RSD	2.990761	10.90234	1.473893	51.04144	39.14341	.2757680	.2434119

#1	.1748515	-.023265	.1596813	-.000727	.0074463	128.9759	2.308498
#2	.1662791	-.024810	.1556777	-.002030	.0054012	129.5366	2.316834
#3	.1755119	-.028680	.1556685	-.002392	.0032468	129.6385	2.306127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120004	.0083370	610.8577	.1585385	.1109863	.1858885	181.1849
Stddev	.0000698	.0000912	2.4885	.0007019	.0004705	.0044896	1.0709
%RSD	.5817696	1.094209	.4073806	.4427539	.4239474	2.415229	.5910730

#1	.0120327	.0083429	608.4321	.1590458	.1105094	.1894251	180.1413
#2	.0119203	.0082430	610.7361	.1577375	.1109992	.1808375	181.1322
#3	.0120482	.0084252	613.4047	.1588323	.1114502	.1874029	182.2812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.160690	71.96391	.2583727	.0021773	5.264505	.2407803	.4891848
Stddev	.010194	.34177	.0022880	.0001641	.038625	.0045338	.0018592
%RSD	.3225228	.4749216	.8855534	7.536852	.7336890	1.882964	.3800580

#1	3.151571	71.59220	.2596959	.0020474	5.291136	.2459600	.4870478
#2	3.158804	72.03496	.2557307	.0021228	5.282173	.2375320	.4900760
#3	3.171695	72.26457	.2596915	.0023617	5.220206	.2388489	.4904306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.53960	4.906699	.0255992	.0008717	.7809339	7.501758	.0057624
Stddev	.02071	.071293	.0052716	.0002456	.0117345	.047273	.0012844
%RSD	.1008057	1.452966	20.59299	28.17440	1.502626	.6301625	22.29005

#1	20.54423	4.883201	.0197965	.0010004	.7832904	7.457132	.0058489
#2	20.51698	4.850122	.0269079	.0005885	.7682000	7.551295	.0070014
#3	20.55760	4.986775	.0300932	.0010263	.7913114	7.496849	.0044369

Sample Name: J1242-10 Acquired: 1/24/2018 15:53:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B33 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4265516	.1614165	.9788076
Stddev	.0030631	.0005168	.0009871
%RSD	.7181109	.3201565	.1008442

#1	.4278772	.1611484	.9789875
#2	.4287286	.1620123	.9796924
#3	.4230489	.1610889	.9777430

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1310.081	2745.439	43127.58	9466.458	3048.272
Stddev	9.479	12.365	131.66	50.867	14.410
%RSD	.7235116	.4503993	.3052917	.5373355	.4727197

#1	1299.299	2740.945	43006.97	9436.369	3044.489
#2	1313.841	2759.423	43107.73	9525.188	3064.196
#3	1317.102	2735.949	43268.05	9437.817	3036.131

Sample Name: J1242-11 Acquired: 1/24/2018 15:57:56 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427809	-.007683	.1957199	.0000619	.0021348	117.4790	6.188246
Stddev	.0025804	.001408	.0038787	.0021664	.0012680	.5037	.010267
%RSD	6.031720	18.32840	1.981772	3497.577	59.39573	.4287268	.1659171

#1	.0438266	-.007365	.1987609	.0012248	.0030043	117.9559	6.200053
#2	.0446744	-.006461	.1970469	-.002438	.0027202	116.9523	6.181419
#3	.0398418	-.009222	.1913518	.001399	.0006799	117.5289	6.183264

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102606	.0055186	218.2362	.1554840	.1719256	.1913761	127.3543
Stddev	.0001771	.0002407	.8499	.0009390	.0037757	.0011282	.4657
%RSD	1.725944	4.361166	.3894309	.6038880	2.196118	.5895330	.3656715

#1	.0103556	.0056339	217.2599	.1544615	.1749900	.1918980	127.0729
#2	.0103700	.0056799	218.6380	.1556828	.1730790	.1921489	127.0982
#3	.0100563	.0052419	218.8106	.1563076	.1677077	.1900814	127.8919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.48437	68.12536	.2767647	.0015657	4.004206	.1901119	.5130129
Stddev	.05332	.28718	.0051192	.0002223	.117860	.0019527	.0043382
%RSD	.3443734	.4215460	1.849677	14.19825	2.943400	1.027139	.8456361

#1	15.42303	68.10863	.2812306	.0013265	4.102703	.1899542	.5134606
#2	15.51966	67.84691	.2778857	.0017660	3.873627	.1921387	.5084682
#3	15.51042	68.42054	.2711778	.0016046	4.036288	.1882429	.5171099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.08870	2.379091	.0227986	.0065977	.4439096	3.453079	.0057777
Stddev	.14088	.030105	.0053725	.0001622	.0089214	.036412	.0021492
%RSD	.8244099	1.265409	23.56503	2.457701	2.009731	1.054473	37.19880

#1	17.20229	2.408546	.0225149	.0064161	.4490703	3.466017	.0035231
#2	17.13275	2.380353	.0175736	.0066489	.4490504	3.481255	.0078032
#3	16.93106	2.348375	.0283073	.0067281	.4336081	3.411965	.0060067

Sample Name: J1242-11 Acquired: 1/24/2018 15:57:56 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B34 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2903490	.1714540	.4996408
Stddev	.0013415	.0003152	.0015261
%RSD	.4620198	.1838148	.3054359

#1	.2888707	.1713706	.5007612
#2	.2906877	.1711890	.4979027
#3	.2914887	.1718025	.5002585

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1295.664	2701.605	42940.81	9263.442	3241.395
Stddev	10.896	44.893	131.57	38.488	64.165
%RSD	.8409630	1.661732	.3064090	.4154792	1.979555

#1	1283.204	2666.028	42825.08	9225.723	3188.668
#2	1300.386	2686.740	43083.92	9261.948	3222.681
#3	1303.403	2752.045	42913.43	9302.655	3312.837

Sample Name: J1242-12 Acquired: 1/24/2018 16:01:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1094760	-.026050	.1179711	.0025598	.0054386	132.5958	2.778592
Stddev	.0021171	.003085	.0015893	.0013083	.0008808	.2549	.005343
%RSD	1.933842	11.84086	1.347155	51.10911	16.19458	.1922581	.1922835

#1	.1070321	-.028730	.1161579	.0015220	.0058836	132.8257	2.781610
#2	.1106478	-.026743	.1191225	.0021279	.0060079	132.3216	2.781744
#3	.1107482	-.022678	.1186329	.0040294	.0044241	132.6402	2.772424

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112672	.0034885	179.0753	.1929163	.1028212	.1423985	199.0522
Stddev	.0001380	.0001725	.5318	.0004815	.0003449	.0003727	.8542
%RSD	1.225188	4.946317	.2969464	.2495910	.3353838	.2617253	.4291155

#1	.0114148	.0035658	178.8297	.1925917	.1030504	.1428276	199.1209
#2	.0112455	.0036089	178.7108	.1934696	.1029885	.1422121	198.1658
#3	.0111412	.0032908	179.6855	.1926878	.1024246	.1421557	199.8699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.754257	81.23695	.2451505	.0032834	4.096863	.2238816	.5123712
Stddev	.014421	.33513	.0010255	.0001256	.070315	.0037694	.0014291
%RSD	.5235903	.4125284	.4183161	3.825496	1.716310	1.683652	.2789148

#1	2.751557	81.28898	.2442070	.0031390	4.025275	.2252532	.5139944
#2	2.741377	80.87886	.2450026	.0033437	4.099482	.2196184	.5118171
#3	2.769837	81.54303	.2462419	.0033674	4.165831	.2267731	.5113022

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.75472	3.250898	.0383649	.0003124	.5222529	5.188220	.0070951
Stddev	.09035	.020417	.0020639	.0002055	.0085610	.041341	.0010435
%RSD	.4817597	.6280341	5.379576	65.78551	1.639238	.7968282	14.70670

#1	18.65563	3.272318	.0405871	.0003629	.5273838	5.235839	.0068490
#2	18.77599	3.231660	.0365083	.0000864	.5270049	5.161509	.0082397
#3	18.83254	3.248717	.0379992	.0004881	.5123699	5.167312	.0061968

Sample Name: J1242-12 Acquired: 1/24/2018 16:01:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B35 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5190427	.1787183	.4492249
Stddev	.0055882	.0010103	.0006771
%RSD	1.076634	.5653196	.1507208

#1	.5136759	.1781901	.4489370
#2	.5248287	.1798832	.4499983
#3	.5186233	.1780815	.4487393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1208.969	2523.668	40594.43	8799.644	3189.273
Stddev	6.713	12.160	19.29	21.982	10.429
%RSD	.5552459	.4818338	.0475255	.2498078	.3270033

#1	1209.252	2511.169	40575.08	8807.694	3179.835
#2	1215.536	2524.377	40594.53	8816.466	3187.514
#3	1202.120	2535.458	40613.67	8774.771	3200.470

Sample Name: PB105954BS Acquired: 1/24/2018 16:06:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225936	.0562992	.0191911	.0733284	.1170457	.3988643
Stddev	.0024495	.0019560	.0004503	.0019321	.0002521	.0076940
%RSD	10.84142	3.474252	2.346327	2.634813	.2154057	1.928988

#1	.0200458	.0576197	.0189562	.0754709	.1173166	.4045631
#2	.0249312	.0572257	.0189067	.0727959	.1168179	.3901122
#3	.0228037	.0540521	.0197102	.0717185	.1170026	.4019174

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4015980	.0104940	.0098172	10.18450	.0244074	.0937400
Stddev	.0029653	.0000566	.0000986	.02666	.0007400	.0003084
%RSD	.7383810	.5395483	1.004040	.2617703	3.031826	.3289802

#1	.4048733	.0105103	.0098029	10.17219	.0235691	.0940635
#2	.4008248	.0105406	.0097266	10.21510	.0249699	.0934493
#3	.3990958	.0104310	.0099221	10.16623	.0246831	.0937073

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511715	.2317767	.0322348	9.653742	.0799390	.0174136
Stddev	.0029360	.0021510	.0003574	.019343	.0003651	.0002635
%RSD	5.737632	.9280666	1.108703	.2003680	.4566677	1.512930

#1	.0544914	.2337383	.0325686	9.674217	.0795510	.0171453
#2	.0489166	.2321154	.0318578	9.635776	.0802757	.0176719
#3	.0501066	.2294764	.0322779	9.651232	.0799902	.0174237

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.714401	.1016011	.1057883	9.303603	.0227328	F .0216221
Stddev	.032268	.0039285	.0050861	.066942	.0022751	.0007620
%RSD	.3321660	3.866633	4.807847	.7195236	10.00800	3.524044

#1	9.737687	.1026085	.1026532	9.369315	.0233196	.0217141
#2	9.677568	.1049279	.1030549	9.305999	.0202218	.0208182
#3	9.727949	.0972670	.1116566	9.235496	.0246571	.0223338

Sample Name: PB105954BS Acquired: 1/24/2018 16:06:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217729	.1751120	.2043220	F .0138167	.1952281	.0920917
Stddev	.0001402	.0013891	.0028764	.0006063	.0028410	.0010000
%RSD	.6438976	.7932854	1.407798	4.387856	1.455200	1.085915

#1	.0218096	.1767157	.2056556	.0142150	.1922561	.0932376
#2	.0216181	.1742820	.2062896	.0131190	.1979167	.0913955
#3	.0218912	.1743383	.2010208	.0141161	.1955115	.0916419

Elem	Sr4077
Units	ppm
Avg	.2047039
Stddev	.0006710
%RSD	.3277721

#1	.2049860
#2	.2051878
#3	.2039380

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.997	2562.034	40359.40	8206.647	4003.360
Stddev	3.570	18.681	163.77	42.450	21.419
%RSD	.2943481	.7291278	.4057744	.5172663	.5350263

#1	1209.761	2540.679	40285.71	8199.692	3981.125
#2	1212.404	2570.084	40245.42	8168.104	4005.095
#3	1216.827	2575.341	40547.07	8252.146	4023.858

Sample Name: CCV083 Acquired: 1/24/2018 16:12:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.969693	4.763613	24.43449	4.951302	5.019614	401.6616
Stddev	.019736	.022042	.09696	.004316	.010356	3.5668
%RSD	.3971317	.4627061	.3967981	.0871657	.2063102	.8880120

#1	4.953957	4.769895	24.45283	4.952902	5.030936	400.9514
#2	4.963285	4.739112	24.32968	4.946415	5.017287	405.5301
#3	4.991837	4.781831	24.52097	4.954589	5.010620	398.5033

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03912	.5165984	2.525639	394.6988	15.41862	2.491949
Stddev	.12195	.0008882	.008705	2.2907	.07081	.010080
%RSD	1.214757	.1719376	.3446500	.5803709	.4592733	.4045069

#1	9.90662	.5175795	2.527781	392.0589	15.34338	2.492459
#2	10.14666	.5163670	2.516063	395.8746	15.42852	2.481623
#3	10.06407	.5158488	2.533072	396.1628	15.48397	2.501764

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88551	394.5690	14.65786	402.8394	2.493290	F 1.446798
Stddev	.01906	2.2204	.07156	2.4036	.006207	.005883
%RSD	.1280580	.5627490	.4881800	.5966663	.2489673	.4066257

#1	14.87005	392.0142	14.58356	400.0650	2.497625	1.441162
#2	14.87967	395.6595	14.66371	404.1603	2.486179	1.452901
#3	14.90680	396.0334	14.72632	404.2928	2.496067	1.446333

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.5826	2.464514	14.53703	155.9008	4.950104	4.975469
Stddev	2.1313	.018809	.22078	.3176	.036777	.006670
%RSD	.5320392	.7631833	1.518734	.2037023	.7429499	.1340505

#1	398.5684	2.442799	14.28947	156.1935	4.988398	4.981104
#2	402.8142	2.475036	14.60809	155.9458	4.915060	4.977199
#3	400.3652	2.475706	14.71352	155.5631	4.946853	4.968105

Sample Name: CCV083 Acquired: 1/24/2018 16:12:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.013243	5.045471	4.927841	4.991436	5.012537	5.142312
Stddev	.005412	.012106	.011893	.028614	.024147	.015358
%RSD	.1079599	.2399468	.2413457	.5732576	.4817397	.2986648

#1	5.018837	5.047649	4.940629	5.001098	5.024242	5.147234
#2	5.008033	5.032424	4.917112	4.959242	4.984768	5.154606
#3	5.012857	5.056341	4.925783	5.013968	5.028601	5.125096

Elem	Sr4077
Units	ppm
Avg	5.141120
Stddev	.036479
%RSD	.7095572

#1	5.182677
#2	5.114384
#3	5.126300

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	980.8373	2095.993	33666.42	7438.861	2670.687
Stddev	4.5899	3.196	95.87	38.386	1.585
%RSD	.4679574	.1524666	.2847566	.5160169	.0593517

#1	981.0915	2093.786	33712.07	7396.649	2668.858
#2	976.1256	2094.536	33556.25	7448.259	2671.662
#3	985.2948	2099.657	33730.92	7471.676	2671.542

Sample Name: CCB083 Acquired: 1/24/2018 16:17:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011959	.0017067	-.001575	.0008078	-.000319	-.000373	-.000121
Stddev	.0030775	.0019596	.000587	.0011980	.001103	.002504	.000209
%RSD	257.3449	114.8144	37.25148	148.3029	345.6215	671.7513	172.2776

#1	.0022496	-.000504	-.002251	.0006840	-.000760	-.002733	-.000363
#2	.0036082	.003230	-.001193	.0020629	.000936	-.000640	.000011
#3	-.002270	.002394	-.001282	-.000323	-.001134	.002254	-.000013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000722	.0000628	-.001864	-.000360	-.000022	.0005947	-.008607
Stddev	.0001017	.0000274	.007135	.000180	.000142	.0006453	.007329
%RSD	140.7609	43.67555	382.7078	50.02626	629.2399	108.5198	85.15111

#1	-.000040	.0000754	.005642	-.000223	.000071	.0009012	-.006032
#2	.000158	.0000313	-.002676	-.000293	.000047	-.000147	-.016877
#3	.000099	.0000816	-.008559	-.000564	-.000185	.001030	-.002914

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002584	-.016623	.0004379	.0002043	-.012741	-.000535	.0007136
Stddev	.0002106	.027530	.0001807	.0000724	.049397	.000286	.0039712
%RSD	81.49524	165.6131	41.26172	35.46173	387.7006	53.39337	556.5304

#1	.0004739	-.004972	.0006437	.0001231	.043356	-.000638	-.001070
#2	.0000531	.003166	.0003056	.0002275	-.031849	-.000212	.005264
#3	.0002483	-.048062	.0003643	.0002623	-.049729	-.000755	-.002053

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007470	-.001309	.0053628	.0003715	.0058823	.0001299	.0004924
Stddev	.022075	.000690	.0008389	.0001636	.0041537	.0003586	.0003247
%RSD	295.5232	52.69947	15.64389	44.04839	70.61246	276.0241	65.94721

#1	-.032781	-.000623	.0062502	.0005605	.0076418	.0003638	.0008404
#2	.002579	-.001301	.0052556	.0002784	.0011385	-.000283	.0001975
#3	.007793	-.002002	.0045826	.0002756	.0088667	.000309	.0004393

Sample Name: CCB083 Acquired: 1/24/2018 16:17:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000476	.0010401	.0000221
Stddev	.000434	.0000928	.0000189
%RSD	91.23992	8.922885	85.19129

#1	-.000198	.0011433	.0000438
#2	-.000976	.0009635	.0000134
#3	-.000253	.0010135	.0000092

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.766	2570.251	40353.00	7908.994	4234.890
Stddev	15.616	13.773	98.07	67.724	14.272
%RSD	1.283371	.5358761	.2430352	.8562934	.3370121

#1	1199.825	2554.374	40269.07	7831.577	4219.727
#2	1230.584	2578.994	40460.81	7938.132	4236.880
#3	1219.889	2577.386	40329.14	7957.273	4248.062

Sample Name: J1242-13 Acquired: 1/24/2018 16:22:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623447	-.012649	.0796473	.0020844	.0033730	72.79359	1.909285
Stddev	.0025317	.001604	.0023348	.0032580	.0014989	.53358	.010030
%RSD	4.060869	12.67702	2.931465	156.3048	44.43812	.7330010	.5253429

#1	.0633272	-.012657	.0781582	.0053294	.0019766	73.24527	1.913533
#2	.0642378	-.011042	.0823382	.0021103	.0049568	72.20485	1.897830
#3	.0594689	-.014249	.0784455	-.001186	.0031857	72.93066	1.916492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068405	.0023478	223.6469	.1602513	.0603011	.0817619	124.5443
Stddev	.0000748	.0001186	.7015	.0005458	.0002600	.0029945	.5726
%RSD	1.093826	5.052900	.3136481	.3406223	.4311615	3.662528	.4597231

#1	.0067748	.0024405	223.7620	.1606289	.0602175	.0835823	124.9264
#2	.0069219	.0023888	222.8949	.1604995	.0605927	.0783058	123.8860
#3	.0068248	.0022141	224.2836	.1596255	.0600933	.0833978	124.8205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.958725	55.08773	.1699293	.0020373	2.546516	.1246242	.3429126
Stddev	.009757	.20847	.0008361	.0002834	.184654	.0001332	.0104951
%RSD	.3297550	.3784351	.4920132	13.91122	7.251229	.1068542	3.060560

#1	2.962480	55.29174	.1690094	.0017777	2.747342	.1247682	.3463744
#2	2.947649	54.87507	.1701354	.0019947	2.384065	.1245056	.3311240
#3	2.966046	55.09640	.1706430	.0023397	2.508141	.1245987	.3512395

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.07637	3.333226	.0278370	.0062265	.3270572	3.328000	.0024336
Stddev	.11174	.017925	.0024965	.0001247	.0043154	.039344	.0027460
%RSD	1.008830	.5377710	8.968428	2.002843	1.319451	1.182220	112.8372

#1	11.11456	3.348632	.0301164	.0062496	.3315198	3.308463	.0052884
#2	10.95054	3.313553	.0251689	.0063380	.3229059	3.373289	-.000189
#3	11.16401	3.337495	.0282258	.0060919	.3267461	3.302249	.002201

Sample Name: J1242-13 Acquired: 1/24/2018 16:22:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B36 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4692015	.1085922	.3357485
Stddev	.0034589	.0006855	.0007056
%RSD	.7371854	.6312410	.2101527

#1	.4699521	.1086886	.3351918
#2	.4654289	.1078636	.3355118
#3	.4722234	.1092243	.3365420

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1233.448	2577.702	41100.01	8740.784	3302.283
Stddev	9.723	6.124	165.85	5.579	4.298
%RSD	.7882439	.2375717	.4035286	.0638251	.1301602

#1	1242.288	2582.954	41285.88	8737.049	3300.909
#2	1235.022	2579.177	41047.04	8738.107	3307.100
#3	1223.035	2570.976	40967.12	8747.197	3298.839

Sample Name: J1242-14 Acquired: 1/24/2018 16:28:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B36D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0614665	-.014881	.0796584	.0017834	.0019820	73.69830	1.932886
Stddev	.0024441	.002477	.0002797	.0030655	.0019594	.28245	.008210
%RSD	3.976379	16.64263	.3511149	171.8963	98.86195	.3832564	.4247611

#1	.0627680	-.014637	.0794352	-.001750	.0000639	73.75647	1.931774
#2	.0629844	-.017471	.0795678	.003728	.0039802	73.39129	1.925288
#3	.0586470	-.012536	.0799722	.003372	.0019018	73.94714	1.941595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068320	.0027235	225.2155	.1600291	.0604405	.0834522	125.6651
Stddev	.0000966	.0001393	1.2557	.0014601	.0002490	.0019710	.4380
%RSD	1.413614	5.114555	.5575628	.9124115	.4118938	2.361781	.3485839

#1	.0068109	.0026888	226.0033	.1614767	.0606614	.0851779	125.9288
#2	.0069374	.0026049	223.7674	.1600536	.0604892	.0813044	125.1594
#3	.0067477	.0028769	225.8758	.1585568	.0601708	.0838744	125.9071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.976571	55.47221	.1722408	.0021701	2.582347	.1246269	.3472762
Stddev	.020432	.13694	.0004659	.0001579	.070256	.0019532	.0116248
%RSD	.6864354	.2468652	.2704635	7.275841	2.720638	1.567223	3.347415

#1	2.990926	55.57450	.1721704	.0022151	2.537436	.1260831	.3436088
#2	2.953179	55.31664	.1718141	.0023005	2.663310	.1224073	.3379274
#3	2.985609	55.52550	.1727378	.0019945	2.546293	.1253903	.3602924

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.16465	3.346234	.0279852	.0057512	.3323792	3.360356	.0041651
Stddev	.16632	.020203	.0010783	.0002226	.0050377	.012754	.0019317
%RSD	1.489716	.6037514	3.853041	3.870896	1.515649	.3795348	46.37925

#1	11.27531	3.323696	.0268542	.0058730	.3266998	3.352654	.0030453
#2	10.97338	3.352290	.0290017	.0054942	.3341296	3.375078	.0030543
#3	11.24525	3.362717	.0280996	.0058863	.3363082	3.353337	.0063956

Sample Name: J1242-14 Acquired: 1/24/2018 16:28:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B36D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4698889	.1101558	.3385011
Stddev	.0017972	.0002796	.0008426
%RSD	.3824788	.2538477	.2489095

#1	.4707268	.1102906	.3387216
#2	.4711141	.1098343	.3392114
#3	.4678257	.1103424	.3375701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.626	2539.999	40644.25	8653.478	3260.132
Stddev	6.811	12.621	58.91	94.637	15.507
%RSD	.5616324	.4968995	.1449478	1.093626	.4756554

#1	1220.402	2525.807	40614.78	8544.297	3242.917
#2	1209.756	2549.965	40605.90	8712.034	3273.007
#3	1207.721	2544.225	40712.09	8704.103	3264.471

Sample Name: J1242-16 Acquired: 1/24/2018 16:41:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0718342	-.019085	.3758578	.0004056	.0011598	64.14172	1.685491
Stddev	.0006555	.003506	.0009074	.0009102	.0005923	.30031	.003665
%RSD	.9124954	18.37079	.2414346	224.4322	51.07127	.4682053	.2174524

#1	.0717527	-.020490	.3754462	-.000004	.0005369	63.94490	1.684549
#2	.0712233	-.021670	.3768981	.001449	.0017159	63.99287	1.682389
#3	.0725267	-.015094	.3752291	-.000228	.0012266	64.48739	1.689536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112263	.0034412	20.98909	.1019487	.0855923	.0645925	103.8869
Stddev	.0001099	.0001000	.08362	.0005684	.0003037	.0010088	.1810
%RSD	.9785576	2.906402	.3984082	.5575581	.3548683	1.561725	.1742411

#1	.0113529	.0033300	20.90022	.1012925	.0855603	.0639236	103.6780
#2	.0111567	.0035236	21.06622	.1022888	.0853058	.0641011	103.9849
#3	.0111693	.0034702	21.00082	.1022649	.0859107	.0657528	103.9978

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.226034	14.38733	.1194650	.0011411	2.142061	.1714739	.1215769
Stddev	.001502	.09422	.0000595	.0001234	.060953	.0022020	.0028912
%RSD	.1224713	.6548877	.0498503	10.81144	2.845545	1.284156	2.378052

#1	1.227631	14.32633	.1194586	.0011488	2.211683	.1699135	.1182976
#2	1.225820	14.33982	.1195274	.0010141	2.116192	.1739927	.1226746
#3	1.224651	14.49585	.1194089	.0012605	2.098309	.1705155	.1237584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.088418	.3842147	.0077596	.0016407	.2672749	2.958539	.0039829
Stddev	.026757	.0011724	.0018693	.0001420	.0020242	.025389	.0026284
%RSD	.8663644	.3051399	24.08998	8.653263	.7573599	.8581562	65.99297

#1	3.100189	.3830325	.0056030	.0017872	.2649711	2.986242	.0069821
#2	3.107272	.3842347	.0087598	.0016310	.2687687	2.952993	.0028864
#3	3.057794	.3853770	.0089159	.0015038	.2680850	2.936381	.0020802

Sample Name: J1242-16 Acquired: 1/24/2018 16:41:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B47 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1601897	.0546580	.1743869
Stddev	.0041578	.0003031	.0006837
%RSD	2.595515	.5545284	.3920384

#1	.1604254	.0544335	.1738852
#2	.1642246	.0545378	.1741098
#3	.1559191	.0550028	.1751656

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1735.215	3635.053	57955.17	11986.75	3564.498
Stddev	8.996	22.375	104.39	62.61	13.249
%RSD	.5184415	.6155283	.1801291	.5223256	.3716876

#1	1724.982	3615.758	57839.24	11927.68	3552.794
#2	1741.879	3629.820	57984.52	11980.19	3561.818
#3	1738.783	3659.580	58041.75	12052.38	3578.882

Sample Name: J1242-17 Acquired: 1/24/2018 16:48:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1972131	-.042273	.1737028	.0024547	.0089009	129.3767	2.956753
Stddev	.0059386	.000896	.0014481	.0015627	.0003052	1.0497	.018771
%RSD	3.011253	2.118723	.8336910	63.66153	3.429294	.8113523	.6348418

#1	.1906135	-.041263	.1720966	.0041296	.0088834	130.1810	2.970023
#2	.1989002	-.042587	.1741033	.0021987	.0086048	129.7599	2.964960
#3	.2021256	-.042969	.1749086	.0010358	.0092146	128.1893	2.935277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160404	.0112726	67.29624	.1771919	.1536401	.1928597	347.6453
Stddev	.0003535	.0002379	.05968	.0015243	.0000483	.0012438	1.2862
%RSD	2.203628	2.110803	.0886834	.8602405	.0314038	.6449350	.3699773

#1	.0164090	.0109984	67.23813	.1754355	.1536062	.1933849	347.8166
#2	.0157043	.0113943	67.35737	.1781682	.1536953	.1937547	348.8372
#3	.0160080	.0114251	67.29320	.1779721	.1536187	.1914394	346.2819

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.979941	65.97372	.3865370	.0061194	5.951951	.3716679	.5543003
Stddev	.009838	.29169	.0013595	.0005321	.156767	.0048058	.0073122
%RSD	.3301438	.4421238	.3517166	8.695073	2.633883	1.293037	1.319180

#1	2.978805	65.97229	.3849772	.0058648	5.973796	.3716713	.5624760
#2	2.990297	66.26612	.3871638	.0067310	6.096650	.3764720	.5520392
#3	2.970719	65.68275	.3874701	.0057624	5.785407	.3668604	.5483858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.51373	6.434023	.0354331	.0050856	.2763985	4.029251	.0085266
Stddev	.10339	.043519	.0052410	.0003609	.0038673	.039981	.0001005
%RSD	.5903375	.6763840	14.79139	7.097243	1.399165	.9922698	1.179019

#1	17.63107	6.464965	.0309218	.0051657	.2753189	4.071728	.0085470
#2	17.47414	6.452841	.0411823	.0046914	.2806908	3.992351	.0084174
#3	17.43599	6.384262	.0341953	.0053998	.2731857	4.023675	.0086154

Sample Name: J1242-17 Acquired: 1/24/2018 16:48:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B48 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3489489	.1619950	.4431186
Stddev	.0021835	.0009506	.0003355
%RSD	.6257388	.5868236	.0757202

#1	.3476113	.1627066	.4432205
#2	.3514686	.1623630	.4433914
#3	.3477668	.1609154	.4427439

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1325.764	2818.289	44560.94	9419.755	3303.782
Stddev	15.986	1.891	159.10	32.845	.431
%RSD	1.205803	.0671082	.3570290	.3486872	.0130492

#1	1307.982	2817.776	44377.39	9383.144	3304.279
#2	1338.946	2820.384	44659.32	9429.486	3303.516
#3	1330.363	2816.707	44646.11	9446.635	3303.551

Sample Name: J1242-18 Acquired: 1/24/2018 16:53:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1442138	-.025870	.1820297	.0054295	.0069772	121.3887	2.666626
Stddev	.0034096	.001751	.0016627	.0015553	.0005771	.3061	.008996
%RSD	2.364264	6.770191	.9134241	28.64535	8.271161	.2521826	.3373674

#1	.1406034	-.027872	.1813639	.0068907	.0066873	121.5848	2.676950
#2	.1473788	-.025115	.1839222	.0056033	.0076418	121.5453	2.662462
#3	.1446594	-.024622	.1808032	.0037947	.0066026	121.0359	2.660466

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143696	.0034927	62.96201	.1521115	.1015437	.2201374	215.4345
Stddev	.0001626	.0000828	.30018	.0027919	.0007555	.0013015	.3555
%RSD	1.131764	2.370288	.4767669	1.835406	.7440336	.5911995	.1649949

#1	.0145109	.0035237	62.76937	.1517162	.1010567	.2206659	215.0242
#2	.0144061	.0035555	62.80878	.1550800	.1024140	.2210914	215.6298
#3	.0141919	.0033989	63.30788	.1495384	.1011603	.2186548	215.6495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.632695	53.04401	.2458530	.0038530	4.996149	.3239388	.5011693
Stddev	.004958	.04117	.0005640	.0003892	.082093	.0039654	.0164426
%RSD	.3036706	.0776103	.2293954	10.10182	1.643129	1.224107	3.280839

#1	1.631034	52.99649	.2454024	.0041516	5.090925	.3282992	.4886957
#2	1.628781	53.06885	.2464855	.0034128	4.950349	.3205485	.5198023
#3	1.638271	53.06670	.2456713	.0039948	4.947175	.3229688	.4950101

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.10933	3.414534	.0259793	.0007855	.1619538	3.308685	.0075044
Stddev	.12400	.033509	.0055570	.0001810	.0027316	.085806	.0012660
%RSD	.7697606	.9813779	21.39016	23.04127	1.686640	2.593361	16.87019

#1	16.24237	3.375861	.0237291	.0006998	.1612406	3.353780	.0085814
#2	15.99696	3.432789	.0219003	.0006633	.1596496	3.362540	.0061098
#3	16.08867	3.434952	.0323085	.0009935	.1649713	3.209733	.0078219

Sample Name: J1242-18 Acquired: 1/24/2018 16:53:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B49 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2448789	.1395506	.4099183
Stddev	.0039195	.0003056	.0006509
%RSD	1.600586	.2189779	.1587841

#1	.2438071	.1395659	.4092673
#2	.2416068	.1398482	.4105690
#3	.2492228	.1392376	.4099188

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1276.347	2710.839	42872.24	9040.818	3391.746
Stddev	26.027	9.951	569.81	44.192	15.401
%RSD	2.039204	.3670670	1.329095	.4888057	.4540872

#1	1270.198	2708.408	42983.39	8992.069	3394.566
#2	1253.945	2702.329	42255.05	9052.134	3375.129
#3	1304.898	2721.780	43378.30	9078.252	3405.542

Sample Name: J1242-19 Acquired: 1/24/2018 16:58:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0807920	-.014129	.1777400	.0019987	.0067456	130.9307	2.939497
Stddev	.0020611	.002690	.0005013	.0045038	.0012380	.1461	.008923
%RSD	2.551094	19.03927	.2820338	225.3394	18.35319	.1116151	.3035670

#1	.0786200	-.017200	.1779150	-.003187	.0078517	130.7713	2.939980
#2	.0810357	-.013002	.1771746	.004927	.0054083	131.0583	2.948168
#3	.0827205	-.012186	.1781302	.004256	.0069769	130.9624	2.930341

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132203	.0024499	112.1595	.1751472	.1078435	.2077771	152.7516
Stddev	.0001015	.0001318	.7126	.0009330	.0006076	.0005388	.6009
%RSD	.7674366	5.378994	.6353787	.5326755	.5634293	.2593271	.3933913

#1	.0131054	.0023684	111.3393	.1742507	.1085326	.2075592	152.0797
#2	.0132581	.0026020	112.5117	.1761128	.1073849	.2083908	152.9374
#3	.0132974	.0023793	112.6274	.1750781	.1076129	.2073814	153.2376

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.523007	74.13310	.3030569	.0024850	4.161311	.2005002	.5407433
Stddev	.021804	.28237	.0006341	.0001062	.135103	.0023924	.0063972
%RSD	.6189042	.3808960	.2092229	4.272171	3.246638	1.193235	1.183039

#1	3.497849	73.81797	.3028931	.0023639	4.255633	.1978655	.5460054
#2	3.534746	74.21821	.3025208	.0025289	4.221763	.2025370	.5426020
#3	3.536427	74.36312	.3037568	.0025621	4.006539	.2010981	.5336226

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.92831	2.125295	.0274216	.0003571	.2171208	3.295022	.0063005
Stddev	.08293	.021245	.0030124	.0000735	.0017930	.029552	.0008367
%RSD	.4161523	.9996433	10.98538	20.59279	.8257870	.8968643	13.27945

#1	19.88107	2.135822	.0289409	.0003061	.2185429	3.289495	.0070697
#2	19.87980	2.139222	.0293719	.0003238	.2177127	3.268623	.0054097
#3	20.02407	2.100842	.0239522	.0004414	.2151067	3.326947	.0064220

Sample Name: J1242-19 Acquired: 1/24/2018 16:58:18 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B50 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2725672	.1845919	.4019521
Stddev	.0024752	.0010312	.0005925
%RSD	.9080935	.5586402	.1474120

#1	.2707548	.1854930	.4012946
#2	.2715596	.1848153	.4021167
#3	.2753873	.1834672	.4024449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1277.449	2680.346	42429.75	8961.727	3317.131
Stddev	2.567	10.313	102.49	27.029	5.926
%RSD	.2009201	.3847634	.2415447	.3016023	.1786519

#1	1279.997	2684.317	42353.09	8973.106	3314.265
#2	1277.488	2668.638	42546.16	8981.207	3313.183
#3	1274.864	2688.083	42390.00	8930.870	3323.945

Sample Name: J1242-20 Acquired: 1/24/2018 17:03:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0695040	-.019735	.1089113	.0017122	.0032694	89.60466
Stddev	.0012170	.003692	.0012101	.0037280	.0035247	.49928
%RSD	1.750982	18.70924	1.111049	217.7310	107.8074	.5571988

#1	.0681025	-.015567	.1094392	.0015046	.0007622	90.10680
#2	.0702943	-.022596	.1097677	.0055397	.0072995	89.10830
#3	.0701151	-.021041	.1075270	-.001908	.0017466	89.59889

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.300513	.0082602	.0056464	F 709.0643	.1258602	.0784127
Stddev	.010665	.0001536	.0001337	1.0330	.0004584	.0000815
%RSD	.4635971	1.859225	2.368334	.1456852	.3641894	.1039832

#1	2.309944	.0081823	.0056784	708.2043	.1258615	.0783525
#2	2.288939	.0081610	.0057612	708.7783	.1263179	.0785055
#3	2.302654	.0084371	.0054996	710.2101	.1254012	.0783800

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1380604	139.1063	5.310859	68.03779	.2013435	.0020843
Stddev	.0017065	.2620	.008881	.20168	.0002836	.0000954
%RSD	1.236037	.1883629	.1672255	.2964196	.1408489	4.578081

#1	.1398870	139.3708	5.307664	68.07083	.2014617	.0021760
#2	.1365069	138.8469	5.304017	67.82163	.2015489	.0020914
#3	.1377873	139.1011	5.320895	68.22091	.2010200	.0019856

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.618774	.1794525	.3632247	13.70913	3.785201	.0251191
Stddev	.053128	.0023341	.0063117	.12028	.039587	.0024148
%RSD	2.028723	1.300681	1.737680	.8773987	1.045826	9.613388

#1	2.675357	.1781328	.3667754	13.84678	3.761683	.0231468
#2	2.611011	.1780773	.3559374	13.62426	3.763014	.0243983
#3	2.569956	.1821475	.3669613	13.65636	3.830905	.0278122

Sample Name: J1242-20 Acquired: 1/24/2018 17:03:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B51 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028526	1.436957	6.234926	.0016484	.5880130	.1336181
Stddev	.0004496	.014697	.071806	.0014643	.0011348	.0004031
%RSD	15.75970	1.022805	1.151676	88.83189	.1929889	.3016837

#1	.0029840	1.420221	6.241858	.0033159	.5867411	.1340806
#2	.0032217	1.442888	6.159905	.0005723	.5883760	.1333414
#3	.0023519	1.447763	6.303014	.0010570	.5889219	.1334323

Elem	Sr4077
Units	ppm
Avg	.5700007
Stddev	.0004269
%RSD	.0748993

#1	.5698228
#2	.5696915
#3	.5704878

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1206.768	2522.524	39957.88	8765.509	2933.298
Stddev	7.598	3.684	152.28	68.326	3.262
%RSD	.6296166	.1460406	.3810966	.7794854	.1111974

#1	1212.895	2520.707	40107.29	8701.860	2932.931
#2	1198.266	2526.763	39802.89	8756.960	2936.728
#3	1209.142	2520.101	39963.46	8837.708	2930.235

Sample Name: J1242-15 Acquired: 1/24/2018 17:45:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B36S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1202665	.0816721	.1134017	.0915535	.1811209	75.99512	5.566781
Stddev	.0043235	.0042802	.0011172	.0018798	.0016766	.48793	.020923
%RSD	3.594945	5.240697	.9851754	2.053257	.9256911	.6420588	.3758497

#1	.1154506	.0864130	.1121124	.0907138	.1795903	76.02471	5.565415
#2	.1238137	.0805115	.1140848	.0937068	.1829128	76.46759	5.588354
#3	.1215351	.0780920	.1140079	.0902399	.1808596	75.49307	5.546575

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0954597	.0979503	231.7024	.5083672	1.014273	.4969883	125.4174
Stddev	.0005216	.0005447	.7722	.0012475	.008630	.0030267	.7234
%RSD	.5463663	.5561020	.3332802	.2453902	.8508412	.6090114	.5767722

#1	.0960546	.0976974	231.0841	.5094729	1.008558	.4984337	125.5132
#2	.0952436	.0985754	232.5680	.5086138	1.024200	.4990213	126.0882
#3	.0950810	.0975779	231.4551	.5070148	1.010061	.4935098	124.6510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.001811	56.19068	1.129550	.0732120	2.497801	1.021476	1.067584
Stddev	.018215	.17368	.011329	.0006232	.059230	.004186	.015814
%RSD	.4551622	.3090852	1.002988	.8512677	2.371302	.4097504	1.481267

#1	3.985579	56.21673	1.120525	.0732939	2.532750	1.017511	1.052395
#2	4.021510	56.34986	1.142264	.0737902	2.531240	1.025851	1.083956
#3	3.998345	56.00545	1.125861	.0725518	2.429413	1.021064	1.066399

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.69335	3.307659	.0239736	.0037592	.3462384	5.101392	.0016490
Stddev	.06132	.023009	.0023755	.0004225	.0010722	.030747	.0015304
%RSD	.5734320	.6956208	9.908885	11.23801	.3096789	.6027168	92.80843

#1	10.76047	3.281128	.0214510	.0036325	.3474764	5.128893	.0029741
#2	10.67929	3.322137	.0261678	.0042305	.3456146	5.068196	.0019991
#3	10.64028	3.319712	.0243022	.0034147	.3456240	5.107088	-.000026

Sample Name: J1242-15 Acquired: 1/24/2018 17:45:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B36S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5056462	.1066958	.3424157
Stddev	.0028876	.0005371	.0010134
%RSD	.5710751	.5033626	.2959518

#1	.5071009	.1061639	.3416185
#2	.5075171	.1066856	.3435561
#3	.5023205	.1072379	.3420724

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1231.122	2516.667	41075.24	8610.327	3254.743
Stddev	9.091	15.968	265.48	60.052	22.680
%RSD	.7384030	.6345096	.6463370	.6974467	.6968304

#1	1227.980	2531.009	40894.87	8543.595	3276.347
#2	1224.018	2499.460	40950.75	8627.372	3231.122
#3	1241.366	2519.532	41380.09	8660.015	3256.759

Sample Name: J1242-13LX5 Acquired: 1/24/2018 17:49:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B36L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141493	-.001678	.0127824	.0003175	.0005116	13.71402	.3843703
Stddev	.0045844	.001520	.0008920	.0011780	.0008284	.01469	.0014326
%RSD	32.39997	90.62629	6.978117	371.0803	161.9127	.1070818	.3726994

#1	.0141809	-.001707	.0125311	-.000771	.0014678	13.70685	.3859919
#2	.0187178	-.000143	.0120430	.000156	.0000124	13.70431	.3832768
#3	.0095492	-.003183	.0137731	.001568	.0000546	13.73092	.3838422

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013235	.0004393	49.62845	.0351862	.0097161	.0163813	24.95856
Stddev	.0000843	.0001360	.43369	.0001808	.0001852	.0009085	.10011
%RSD	6.371307	30.96745	.8738776	.5138484	1.906471	5.546057	.4010858

#1	.0012438	.0003598	49.66170	.0350530	.0099153	.0154702	24.89883
#2	.0014118	.0005963	49.17909	.0351136	.0095491	.0163865	24.90273
#3	.0013149	.0003616	50.04456	.0353920	.0096837	.0172872	25.07413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7154304	11.39208	.0338209	.0004115	.4872806	.0243501	.0597787
Stddev	.0058585	.08239	.0005861	.0002460	.0322722	.0010284	.0017988
%RSD	.8188728	.7232608	1.732938	59.77121	6.622917	4.223463	3.009080

#1	.7165916	11.39151	.0332277	.0005801	.4725350	.0233290	.0617568
#2	.7090783	11.30997	.0343997	.0005252	.5242916	.0253857	.0582410
#3	.7206213	11.47476	.0338354	.0001293	.4650152	.0243356	.0593384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.987493	.5885274	.0039078	.0014785	.0785533	.8876175	.0005979
Stddev	.046276	.0062999	.0008574	.0002009	.0030691	.0068444	.0008649
%RSD	2.328349	1.070455	21.94081	13.58491	3.906988	.7711007	144.6505

#1	2.034854	.5871164	.0031756	.0015359	.0757244	.8953911	.0015153
#2	1.942385	.5954132	.0036968	.0012552	.0818163	.8824962	-.000203
#3	1.985241	.5830527	.0048510	.0016444	.0781192	.8849651	.000481

Sample Name: J1242-13LX5 Acquired: 1/24/2018 17:49:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B36L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1014564	.0198933	.0697259
Stddev	.0028167	.0001445	.0003012
%RSD	2.776232	.7263057	.4319728

#1	.1005925	.0198976	.0699440
#2	.1046039	.0197467	.0698515
#3	.0991729	.0200355	.0693823

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1231.585	2576.847	40528.32	8025.584	3832.057
Stddev	6.605	11.070	197.23	55.089	12.652
%RSD	.5362825	.4295900	.4866421	.6864158	.3301596

#1	1238.499	2570.319	40672.75	7967.241	3822.358
#2	1230.917	2570.593	40608.61	8076.706	3827.446
#3	1225.340	2589.628	40303.61	8032.805	3846.368

Sample Name: J1227-20 Acquired: 1/24/2018 17:53:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B16S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2096470	.0707649	.1905571	.0770779	.1620886	118.8879	8.114396
Stddev	.0010244	.0022893	.0031730	.0011933	.0020848	.4047	.096685
%RSD	.4886499	3.235038	1.665114	1.548213	1.286194	.3404275	1.191527

#1	.2084940	.0733324	.1871250	.0784510	.1641597	118.4352	8.042792
#2	.2104526	.0689365	.1911626	.0762912	.1599904	119.0134	8.224378
#3	.2099944	.0700257	.1933837	.0764916	.1621157	119.2149	8.076018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0955556	.1073737	171.9677	.4975752	1.092738	.5675111	234.4417
Stddev	.0003697	.0005373	.4316	.0024874	.004952	.0004856	.7106
%RSD	.3869192	.5004408	.2510012	.4999118	.4531481	.0855643	.3031161

#1	.0959210	.1067540	171.7554	.4959700	1.087219	.5676388	234.2597
#2	.0951817	.1076579	171.6834	.5004405	1.094201	.5679201	233.8398
#3	.0955641	.1077093	172.4644	.4963151	1.096793	.5669744	235.2257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.85317	59.04939	1.292647	.0712961	3.207604	1.071280	1.244329
Stddev	.03786	.19551	.007816	.0001525	.008912	.001010	.015424
%RSD	.2945753	.3311003	.6046127	.2139145	.2778323	.0943189	1.239531

#1	12.86585	58.84733	1.283807	.0712953	3.197967	1.070697	1.261872
#2	12.81060	59.06321	1.295498	.0714490	3.215548	1.072446	1.232895
#3	12.88307	59.23763	1.298637	.0711440	3.209298	1.070695	1.238221

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82013	4.144659	.0165022	.0105743	.2909516	3.025111	.0055268
Stddev	.04437	.013427	.0009392	.0002983	.0056657	.011877	.0011779
%RSD	.2993784	.3239509	5.691045	2.820598	1.947302	.3926136	21.31228

#1	14.76915	4.140275	.0168671	.0102907	.2845252	3.035332	.0057586
#2	14.84126	4.133972	.0172042	.0108853	.2952261	3.012081	.0065716
#3	14.84998	4.159729	.0154354	.0105470	.2931033	3.027921	.0042502

Sample Name: J1227-20 Acquired: 1/24/2018 17:53:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B16S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3127510	.1496424	.4753234
Stddev	.0015714	.0013039	.0014537
%RSD	.5024512	.8713681	.3058341

#1	.3120633	.1497228	.4739240
#2	.3145491	.1509042	.4768259
#3	.3116407	.1483001	.4752204

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1375.841	2890.801	45484.88	9563.964	3322.777
Stddev	11.295	3.418	202.79	30.709	10.217
%RSD	.8209428	.1182391	.4458451	.3210906	.3074704

#1	1364.314	2894.702	45257.45	9563.789	3333.769
#2	1386.888	2889.368	45550.29	9594.760	3320.990
#3	1376.320	2888.332	45646.89	9533.343	3313.572

Sample Name: J1227-18LX5 Acquired: 1/24/2018 17:57:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MF6B16L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0343250	-.001684	.0263351	.0011247	.0003192	23.15261	.9927745
Stddev	.0025681	.003211	.0013398	.0006028	.0010647	.09097	.0062204
%RSD	7.481644	190.6927	5.087438	53.59759	333.5668	.3928976	.6265621

#1	.0355390	.000115	.0273887	.0017685	-.000873	23.25744	.9999247
#2	.0360611	-.005391	.0248272	.0005737	.001174	23.10596	.9886088
#3	.0313750	.000225	.0267893	.0010317	.000657	23.09443	.9897900

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026555	.0014114	35.77261	.0473740	.0213941	.0350390	49.31641
Stddev	.0000786	.0000393	.04610	.0005259	.0005099	.0000322	.10286
%RSD	2.959645	2.784956	.1288783	1.110095	2.383246	.0920264	.2085671

#1	.0025709	.0014270	35.79868	.0476072	.0208108	.0350613	49.43386
#2	.0026693	.0013667	35.79977	.0477429	.0217550	.0350537	49.24238
#3	.0027263	.0014405	35.71937	.0467718	.0216164	.0350020	49.27300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.596609	12.17684	.0657144	.0010351	.6202957	.0482690	.1023320
Stddev	.003546	.02198	.0007575	.0003208	.0809940	.0019134	.0048817
%RSD	.1365674	.1805465	1.152696	30.98946	13.05731	3.963965	4.770441

#1	2.592530	12.18376	.0650040	.0009129	.7060914	.0481218	.0967141
#2	2.598336	12.15223	.0656278	.0013991	.5451590	.0464335	.1055407
#3	2.598961	12.19453	.0665115	.0007934	.6096367	.0502517	.1047413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.905776	.6894095	.0020587	.0039001	.0585153	.6059595	.0000140
Stddev	.048918	.0066583	.0011838	.0000701	.0025893	.0070819	.0008257
%RSD	1.683460	.9657992	57.50219	1.797667	4.425079	1.168711	5887.920

#1	2.868934	.6843795	.0030519	.0038223	.0566616	.5985206	.0009673
#2	2.887118	.6868888	.0023756	.0039585	.0614738	.6067377	-.000476
#3	2.961277	.6969601	.0007487	.0039195	.0574104	.6126202	-.000449

Sample Name: J1227-18LX5 Acquired: 1/24/2018 17:57:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MF6B16L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0641380	.0293558	.0989740
Stddev	.0007606	.0008012	.0003553
%RSD	1.185913	2.729230	.3589715

#1	.0650099	.0302657	.0993488
#2	.0637941	.0290456	.0989310
#3	.0636101	.0287561	.0986421

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1254.408	2660.909	41061.46	8189.461	3848.362
Stddev	11.154	12.519	299.76	25.815	7.777
%RSD	.8892179	.4704864	.7300314	.3152187	.2020840

#1	1242.376	2646.691	40832.66	8165.038	3840.838
#2	1256.443	2665.754	40950.93	8186.872	3856.370
#3	1264.405	2670.281	41400.79	8216.472	3847.878

Sample Name: CCV084 Acquired: 1/24/2018 18:05:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.896073	4.825930	24.39231	4.978690	5.010945	400.4966
Stddev	.020937	.022402	.00965	.014512	.017577	5.0310
%RSD	.4276339	.4642013	.0395494	.2914859	.3507727	1.256191

#1	4.882690	4.804683	24.38340	4.969833	4.990742	402.4791
#2	4.885327	4.823776	24.39098	4.970798	5.019365	394.7764
#3	4.920201	4.849332	24.40255	4.995438	5.022728	404.2344

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.898683	.5196440	2.553941	397.6834	15.53627	2.489971
Stddev	.065982	.0065698	.005747	1.0452	.02821	.002286
%RSD	.6665695	1.264279	.2250201	.2628297	.1815595	.0917923

#1	9.974857	.5165263	2.559905	398.8375	15.50544	2.487348
#2	9.861904	.5152135	2.548439	397.4120	15.54259	2.491023
#3	9.859288	.5271921	2.553479	396.8006	15.56079	2.491540

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.54936	398.4207	14.63164	406.7215	2.500041	F 1.441406
Stddev	.10391	.6337	.01421	.3653	.006309	.003388
%RSD	.7142174	.1590568	.0971184	.0898038	.2523683	.2350568

#1	14.45122	398.8225	14.64368	406.8835	2.504876	1.437497
#2	14.53865	398.7494	14.61597	406.9777	2.492904	1.443498
#3	14.65822	397.6901	14.63527	406.3032	2.502342	1.443223

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.2719	2.467141	14.04663	153.4706	4.884631	4.984617
Stddev	.9835	.007056	.12657	1.3196	.042398	.046590
%RSD	.2463169	.2859888	.9010679	.8598387	.8679782	.9346797

#1	398.2139	2.470251	13.96682	152.1794	4.851441	4.976057
#2	400.1583	2.472109	14.19257	153.4154	4.870059	4.942901
#3	399.4436	2.459065	13.98051	154.8169	4.932393	5.034894

Sample Name: CCV084 Acquired: 1/24/2018 18:05:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.064002	5.113563	4.896663	5.016053	4.982036	5.064998
Stddev	.003804	.040324	.039282	.008636	.002007	.019398
%RSD	.0751226	.7885730	.8022252	.1721620	.0402872	.3829723

#1	5.060440	5.080491	4.897390	5.012012	4.981969	5.042626
#2	5.063557	5.101712	4.857022	5.010180	4.984075	5.077117
#3	5.068010	5.158484	4.935577	5.025969	4.980063	5.075252

Elem	Sr4077
Units	ppm
Avg	5.097688
Stddev	.041221
%RSD	.8086177

#1	5.059064
#2	5.141089
#3	5.092911

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	995.5097	2119.831	34040.01	7469.332	2696.543
Stddev	5.7238	8.957	175.80	18.795	10.621
%RSD	.5749600	.4225429	.5164488	.2516288	.3938623

#1	999.3472	2129.497	34031.18	7464.559	2707.261
#2	988.9308	2118.185	33868.79	7490.054	2696.345
#3	998.2511	2111.811	34220.05	7453.385	2686.023

Sample Name: CCB084 Acquired: 1/24/2018 18:09:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000607	.0012296	-.001059	-.001046	.0001304	-.002551	-.000133
Stddev	.001738	.0003333	.000986	.001145	.0010241	.006247	.000691
%RSD	286.1743	27.10432	93.11395	109.5228	785.6284	244.8408	518.1563

#1	.001152	.0012469	-.001651	-.001408	-.000284	.001729	-.000709
#2	-.000651	.0008880	-.001605	.000237	-.000622	.000337	-.000324
#3	-.002324	.0015539	.000079	-.001966	.001297	-.009719	.000633

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000560	.0000815	-.002069	-.000330	-.000052	.0027401	.0016662
Stddev	.0000577	.0000200	.005421	.000338	.000061	.0025626	.0055792
%RSD	103.1091	24.57881	261.9503	102.3797	116.8177	93.51972	334.8366

#1	.0000236	.0000585	-.000107	-.000395	-.000060	.0031815	-.001952
#2	.0001226	.0000949	.002097	-.000631	.000012	.0050534	-.001141
#3	.0000217	.0000912	-.008198	.000035	-.000108	-.000014	.008092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001367	.0186586	.0001737	.0000644	.0634281	-.000102	.0004195
Stddev	.0001095	.0183471	.0001916	.0000784	.0370979	.001543	.0011500
%RSD	80.07489	98.32998	110.2762	121.8452	58.48807	1511.749	274.1038

#1	.0001986	.0018416	.0003687	-.000002	.1056327	-.001836	.0017465
#2	.0002011	.0382253	.0001669	.000044	.0359754	.001120	-.000287
#3	.0000103	.0159090	-.000014	.000151	.0486761	.000410	-.000201

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094406	-.000286	.0060041	.0001170	.0075381	-.000646	-.000164
Stddev	.0154020	.000761	.0008043	.0000987	.0035262	.001296	.000682
%RSD	163.1462	266.5439	13.39619	84.29592	46.77790	200.5718	416.4408

#1	.0189212	.000564	.0067617	.0002309	.0085552	.000654	.000609
#2	-.008331	-.000515	.0051600	.0000565	.0104438	-.000654	-.000682
#3	.017731	-.000906	.0060905	.0000637	.0036152	-.001939	-.000418

Sample Name: CCB084 Acquired: 1/24/2018 18:09:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v405) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB084 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000374	.0012830	.0000108
Stddev	.000723	.0007672	.0000353
%RSD	193.5619	59.79852	328.8426

#1	-.000507	.0011195	.0000277
#2	.000407	.0006107	-.000030
#3	-.001021	.0021188	.000034

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1235.874	2638.892	41014.46	7997.713	4343.000
Stddev	8.365	24.237	71.31	27.671	39.604
%RSD	.6768174	.9184470	.1738726	.3459856	.9119078

#1	1226.316	2610.927	40967.71	7967.797	4297.336
#2	1241.857	2651.933	41096.54	8022.389	4363.696
#3	1239.450	2653.816	40979.13	8002.953	4367.968