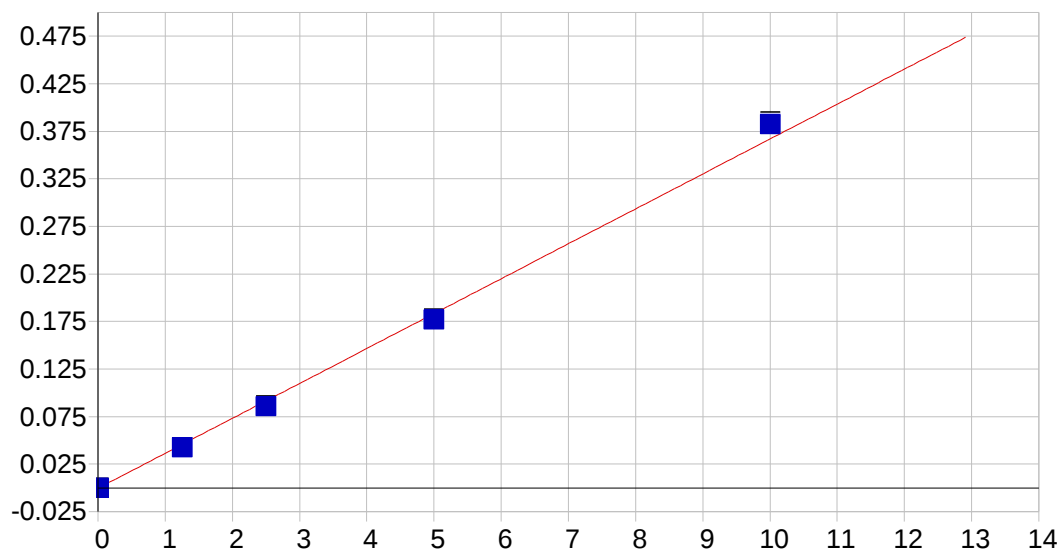


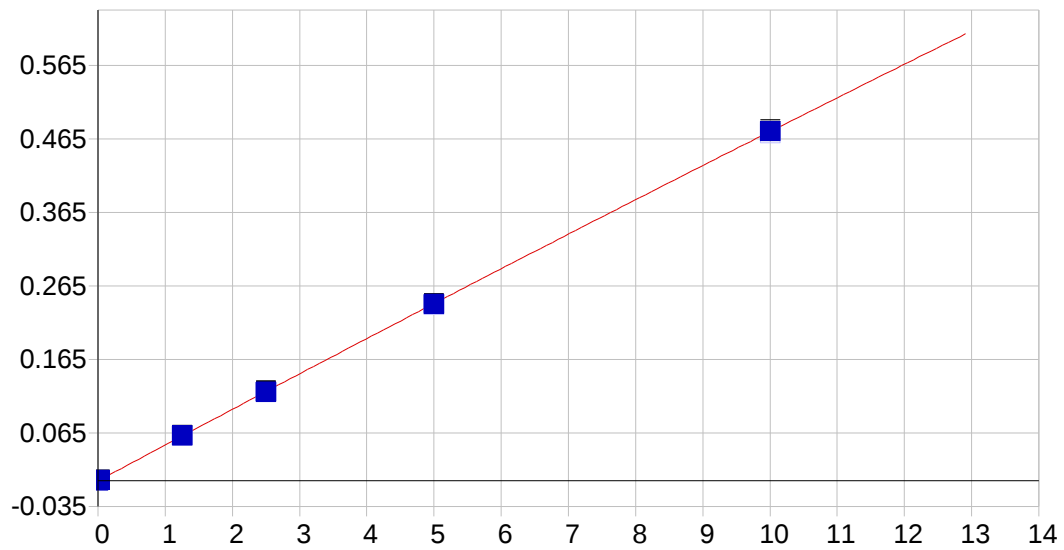


As 189.042 {479}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000342 Re-Slope: 1.000000
 A1 (Gain): 0.036724 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998940 Status: OK.
 Std Error of Est: 0.000028
 Predicted MDL: 0.003634
 Predicted MQL: 0.012113

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.01000	.01010	.000	1.02	.00003	.000	1
S2	1.2500	1.1588	-.091	-7.30	.04232	.000	1
S3	2.5000	2.3434	-.157	-6.27	.08593	.001	1
S4	5.0000	4.8278	-.172	-3.44	.17739	.001	1
S5	10.000	10.420	.420	4.20	.38319	.002	1

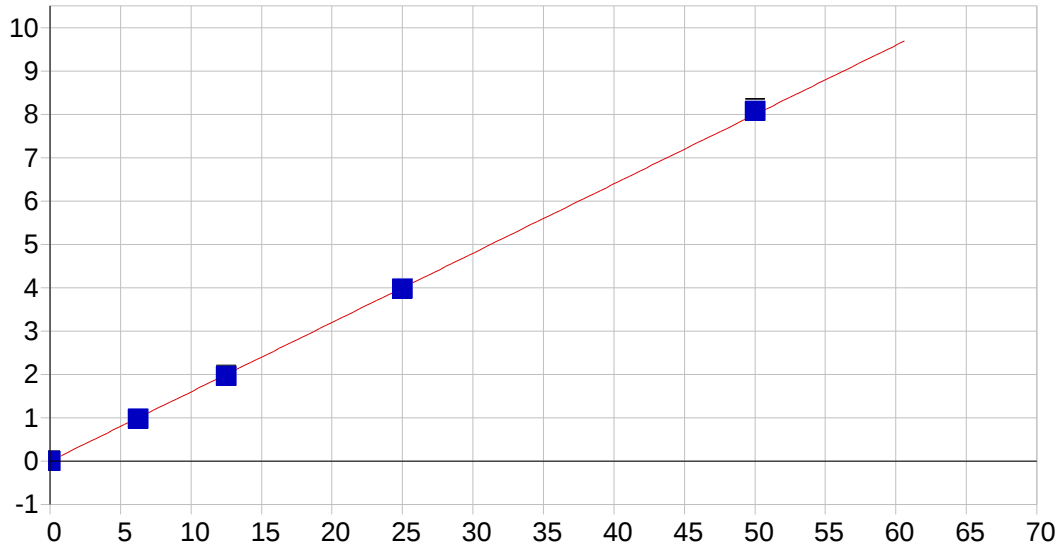


TI 190.856 {477}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000151 Re-Slope: 1.000000
 A1 (Gain): 0.048931 Y-int: 0.000000
 A2 (Curvature): -0.000144
 n (Exponent): 1.000000
 Correlation: 0.999995 Status: OK.
 Std Error of Est: 0.000005
 Predicted MDL: 0.002212
 Predicted MQL: 0.007372

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.02500	.02434	-.001	-2.63	.00102	.000	1
S2	1.2500	1.2613	.011	.900	.06097	.000	1
S3	2.5000	2.4993	-.001	-.030	.12050	.001	1
S4	5.0000	4.9823	-.018	-.354	.23859	.001	1
S5	10.000	10.008	.008	.078	.47219	.003	1

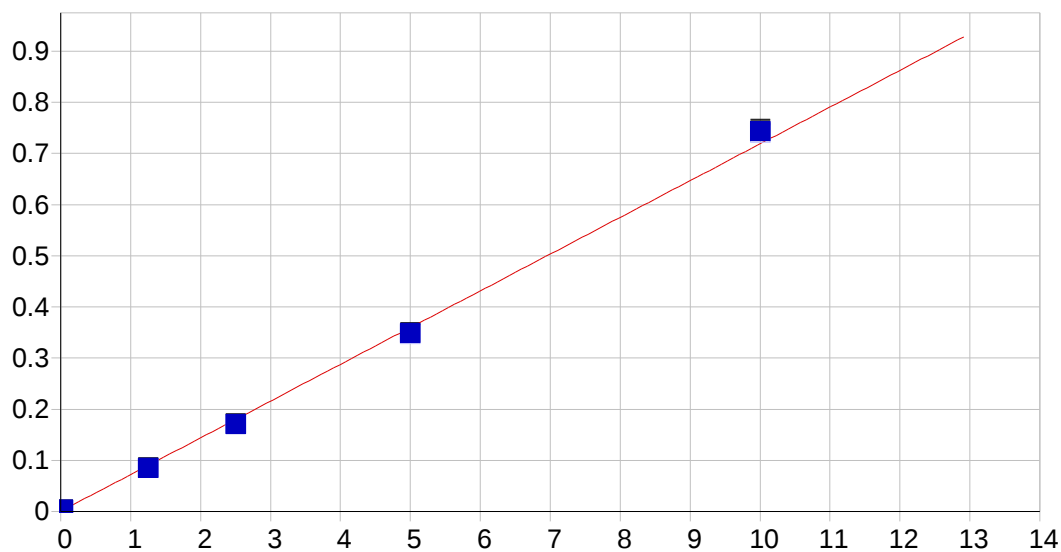


Pb 220.353 {453}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000149 Re-Slope: 1.000000
 A1 (Gain): 0.159852 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.000073
 Predicted MDL: 0.001653
 Predicted MQL: 0.005509

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.01000	.00924	-.001	-7.65	.00134	.000	1
S2	6.2500	6.1273	-.123	-1.96	.98088	.003	1
S3	12.500	12.239	-.261	-2.09	1.9594	.021	1
S4	25.000	24.866	-.134	-.535	3.9810	.003	1
S5	50.000	50.518	.518	1.04	8.0879	.048	1



Date of Fit: 5/25/2018 18:24:01

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000333

Re-Slope: 1.000000

A1 (Gain): 0.071848

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999266

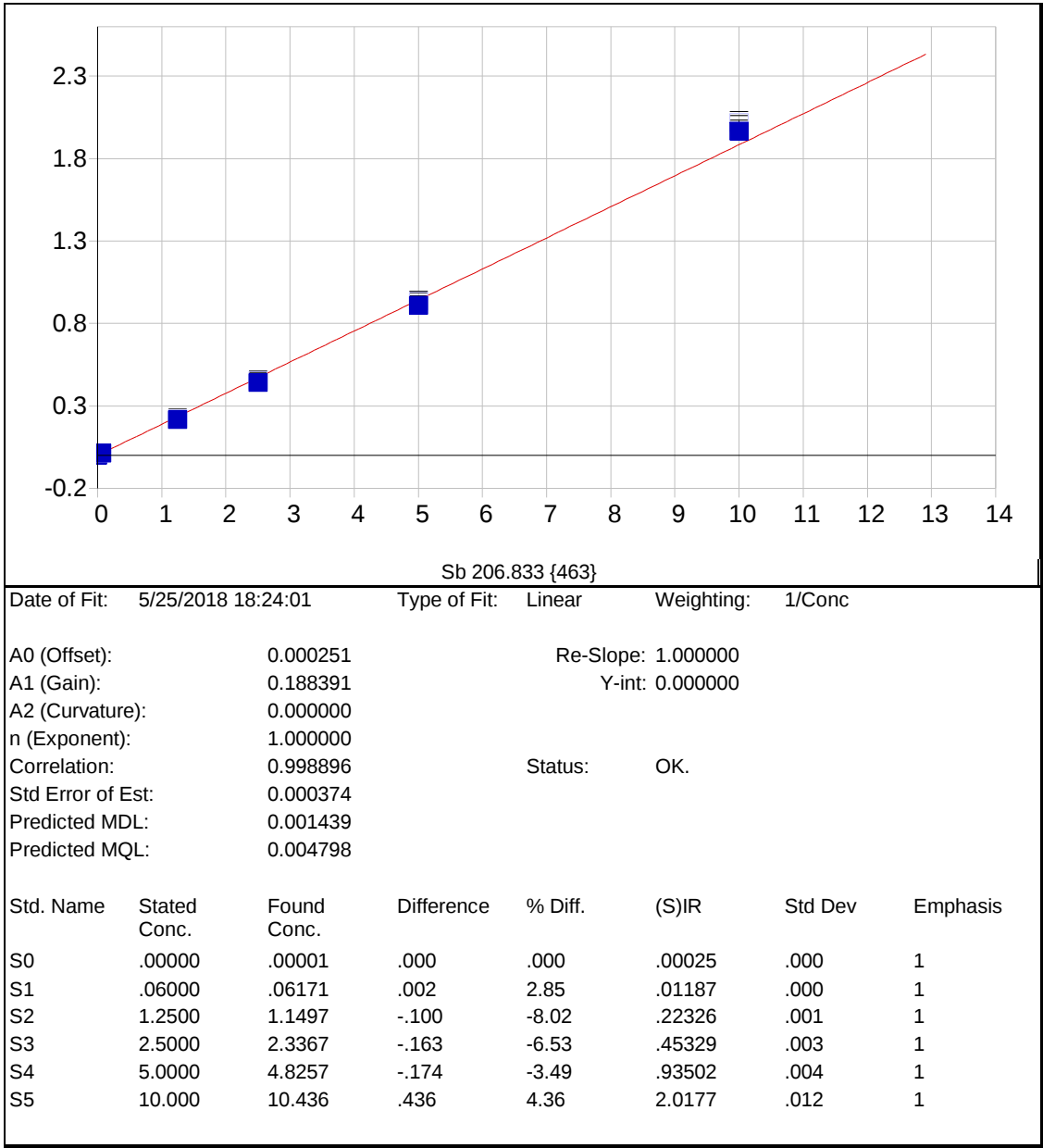
Status: OK.

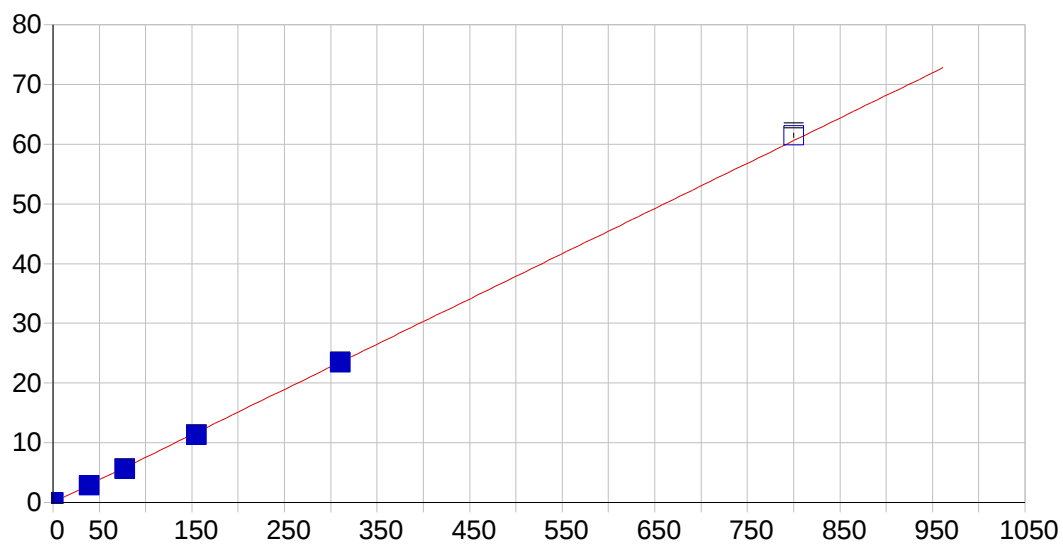
Std Error of Est: 0.000086

Predicted MDL: 0.002908

Predicted MQL: 0.009693

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00033	.000	1
S1	.03500	.03743	.002	6.93	.00302	.000	1
S2	1.2500	1.1792	-.071	-5.66	.08464	.001	1
S3	2.5000	2.3749	-.125	-5.00	.17012	.001	1
S4	5.0000	4.8452	-.155	-3.10	.34677	.002	1
S5	10.000	10.348	.348	3.48	.74047	.004	1



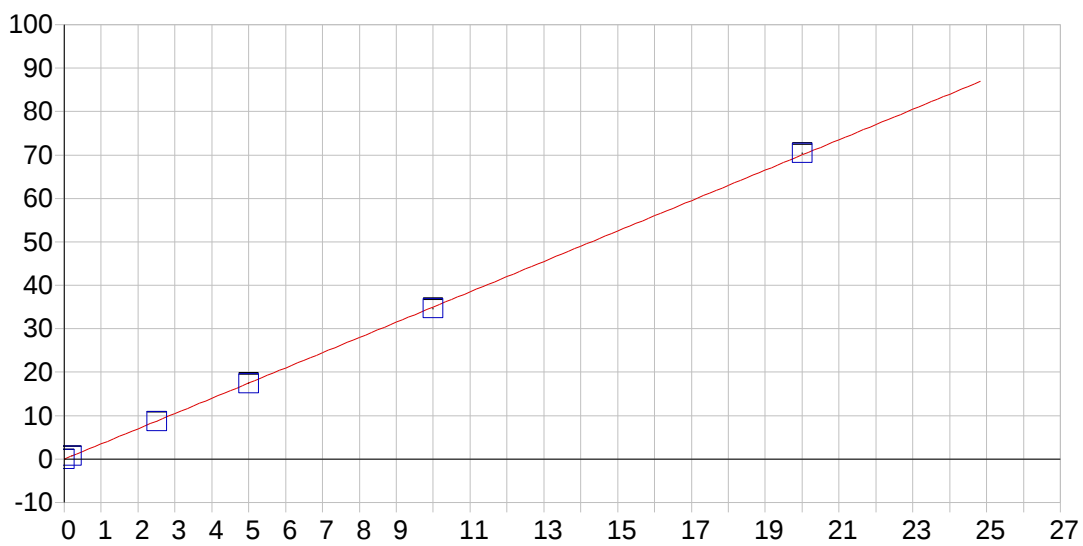


AI 396.152 { 85}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000589 Re-Slope: 1.000000
 A1 (Gain): 0.075722 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999779 Status: OK.
 Std Error of Est: 0.000991
 Predicted MDL: 0.009890
 Predicted MQL: 0.032965

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00059	.001	1
S1	.20000	.21475	.015	7.38	.01687	.000	1
S2	38.750	37.038	-1.71	-4.42	2.8079	.025	1
S3	77.500	73.896	-3.60	-4.65	5.6016	.064	1
S4	155.00	149.58	-5.42	-3.50	11.338	.062	1
S5	310.00	308.92	-1.08	-.348	23.415	.108	1
S6	800.00	811.82	11.8	1.48	61.473	.402	1

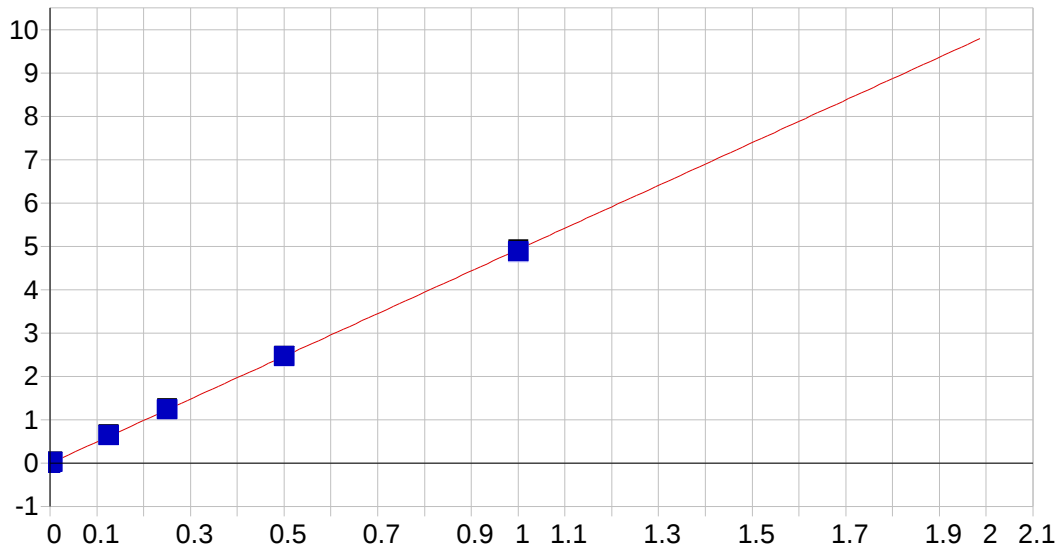


Ba 493.409 { 68}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.019245 Re-Slope: 1.000000
 A1 (Gain): 3.501368 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974 Status: OK.
 Std Error of Est: 0.002691
 Predicted MDL: 0.000650
 Predicted MQL: 0.002166

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.01926	.002	1
S1	.20000	.20797	.008	3.99	.70895	.004	1
S2	2.5000	2.4779	-.022	-.884	8.6568	.064	1
S3	5.0000	4.9842	-.016	-.317	17.432	.214	1
S4	10.000	9.9141	-.086	-.859	34.694	.184	1
S5	20.000	20.116	.116	.579	70.414	.175	1

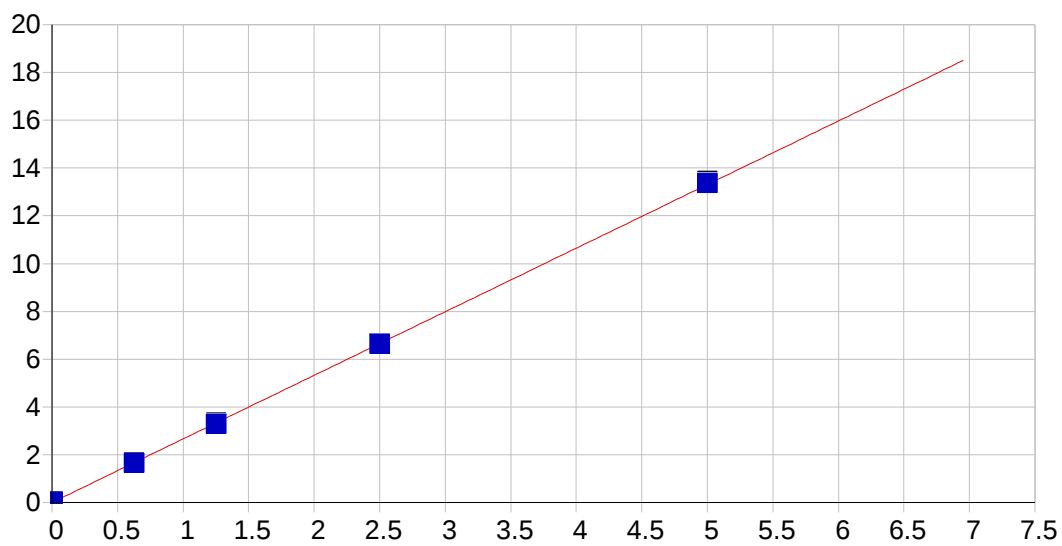


Be 234.861 {144}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.001823	Re-Slope: 1.000000
A1 (Gain):	4.927880	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999892	Status: OK.
Std Error of Est:	0.000270	
Predicted MDL:	0.000072	
Predicted MQL:	0.000239	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00183	.000	1
S1	.00500	.00547	.000	9.34	.02510	.001	1
S2	.12500	.13042	.005	4.34	.63818	.010	1
S3	.25000	.25310	.003	1.24	1.2401	.008	1
S4	.50000	.50021	.000	.042	2.4524	.005	1
S5	1.0000	.99080	-.009	-.920	4.8592	.043	1

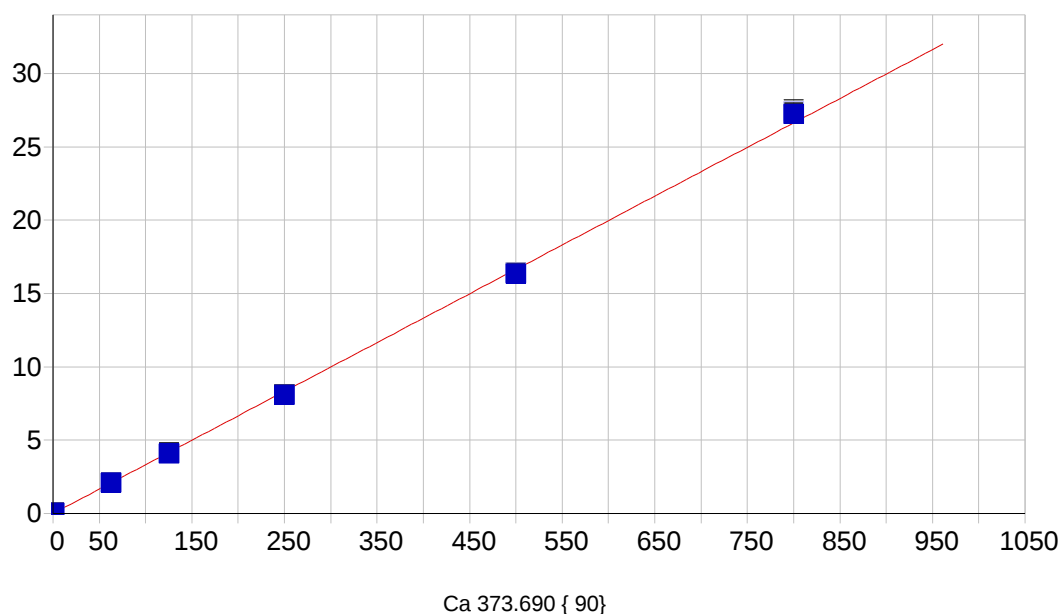


Cd 214.438 {457}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000651 Re-Slope: 1.000000
 A1 (Gain): 2.661304 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999988 Status: OK.
 Std Error of Est: 0.000109
 Predicted MDL: 0.000078
 Predicted MQL: 0.000259

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00065	.000	1
S1	.00500	.00512	.000	2.48	.01430	.000	1
S2	.62500	.62204	-.003	-.474	1.6595	.003	1
S3	1.2500	1.2371	-.013	-1.03	3.2999	.034	1
S4	2.5000	2.4971	-.003	-.118	6.6597	.004	1
S5	5.0000	5.0186	.019	.373	13.384	.070	1



Date of Fit: 5/25/2018 18:24:01

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001407

Re-Slope: 1.000000

A1 (Gain): 0.033287

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999752

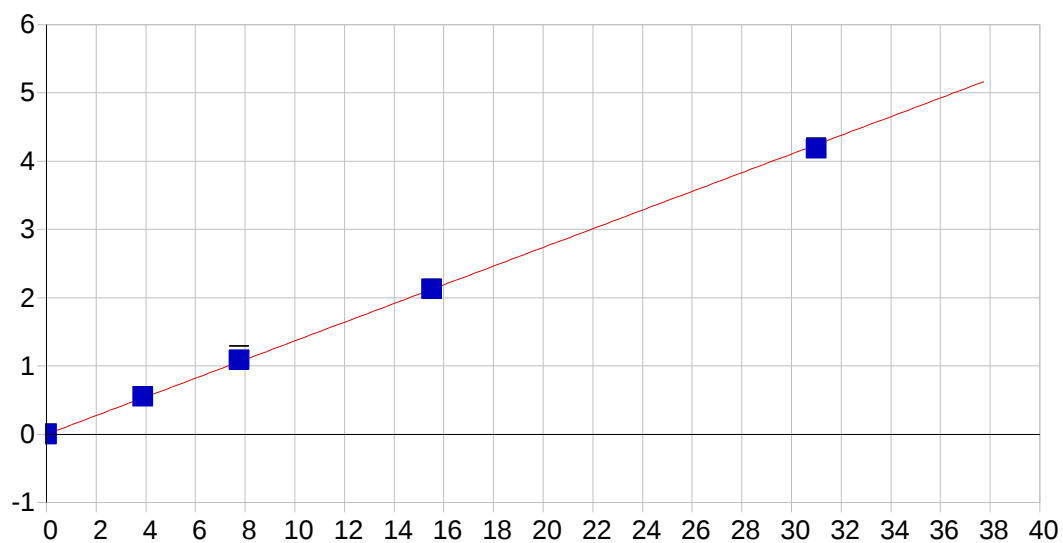
Status: OK.

Std Error of Est: 0.001162

Predicted MDL: 0.015800

Predicted MQL: 0.052667

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00007	.000	.000	.00140	.000	1
S1	1.0000	1.1074	.107	10.7	.03829	.001	1
S2	62.500	62.611	.111	.178	2.0930	.018	1
S3	125.00	122.85	-2.15	-1.72	4.1056	.047	1
S4	250.00	242.22	-7.78	-3.11	8.0938	.041	1
S5	500.00	491.22	-8.78	-1.76	16.412	.018	1
S6	800.00	818.45	18.5	2.31	27.403	.139	1

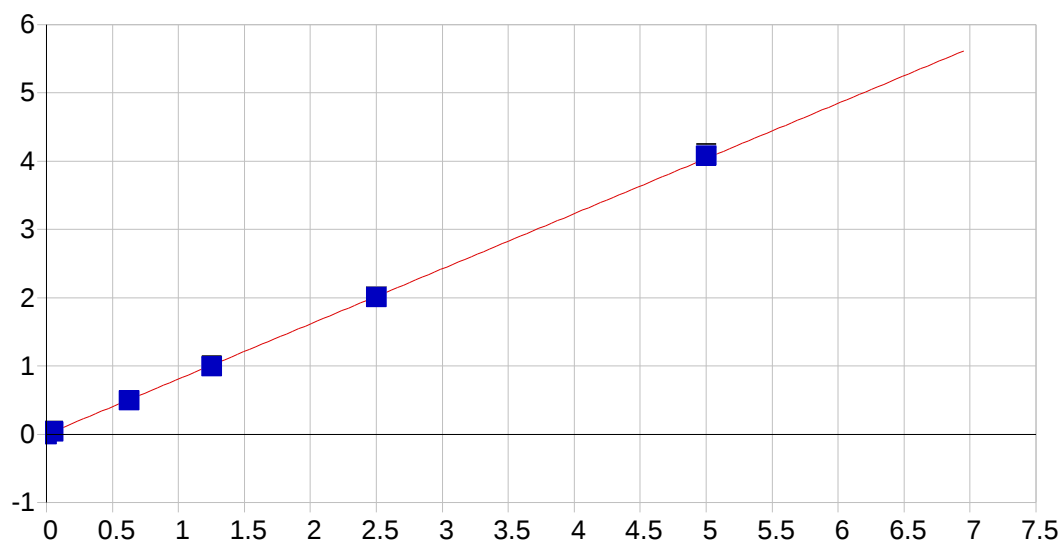


Cr 267.716 {126}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000010 Re-Slope: 1.000000
 A1 (Gain): 0.136855 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.000076
 Predicted MDL: 0.000446
 Predicted MQL: 0.001487

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01202	.002	20.2	.00164	.000	1
S2	3.8750	4.0374	.162	4.19	.55346	.001	1
S3	7.7500	7.9879	.238	3.07	1.0950	.055	1
S4	15.500	15.522	.022	.139	2.1279	.002	1
S5	31.000	30.576	-.424	-1.37	4.1920	.011	1

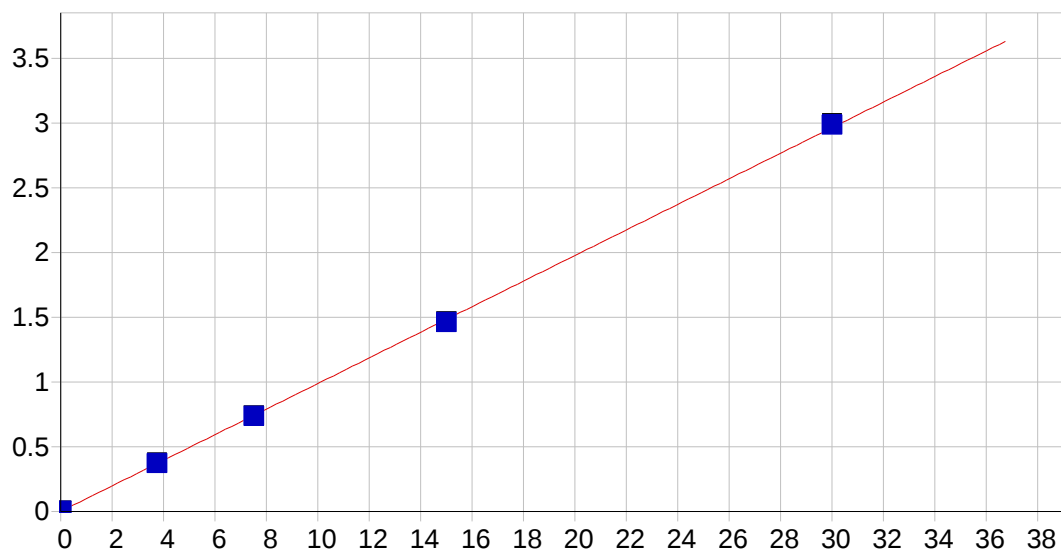


Co 228.616 {448}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000404 Re-Slope: 1.000000
 A1 (Gain): 0.807983 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999926 Status: OK.
 Std Error of Est: 0.000262
 Predicted MDL: 0.000250
 Predicted MQL: 0.000835

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00040	.000	1
S1	.05000	.05088	.001	1.77	.04086	.000	1
S2	.62500	.61048	-.015	-2.32	.49386	.002	1
S3	1.2500	1.2257	-.024	-1.94	.99198	.010	1
S4	2.5000	2.4871	-.013	-.518	2.0131	.003	1
S5	5.0000	5.0508	.051	1.02	4.0886	.022	1

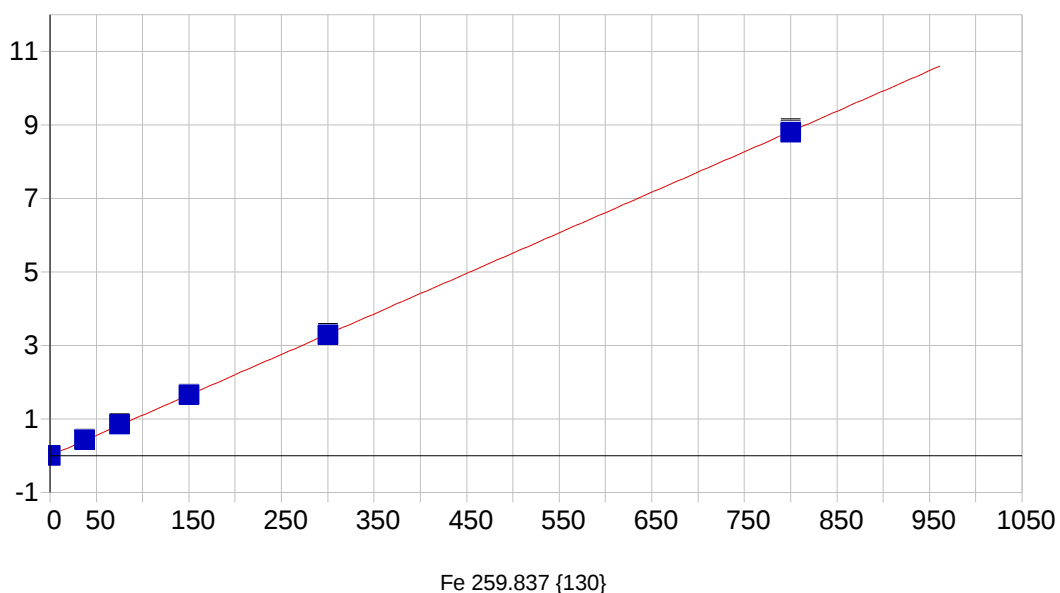


Cu 324.754 {104}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000652 Re-Slope: 1.000000
 A1 (Gain): 0.098766 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999954 Status: OK.
 Std Error of Est: 0.000044
 Predicted MDL: 0.003488
 Predicted MQL: 0.011628

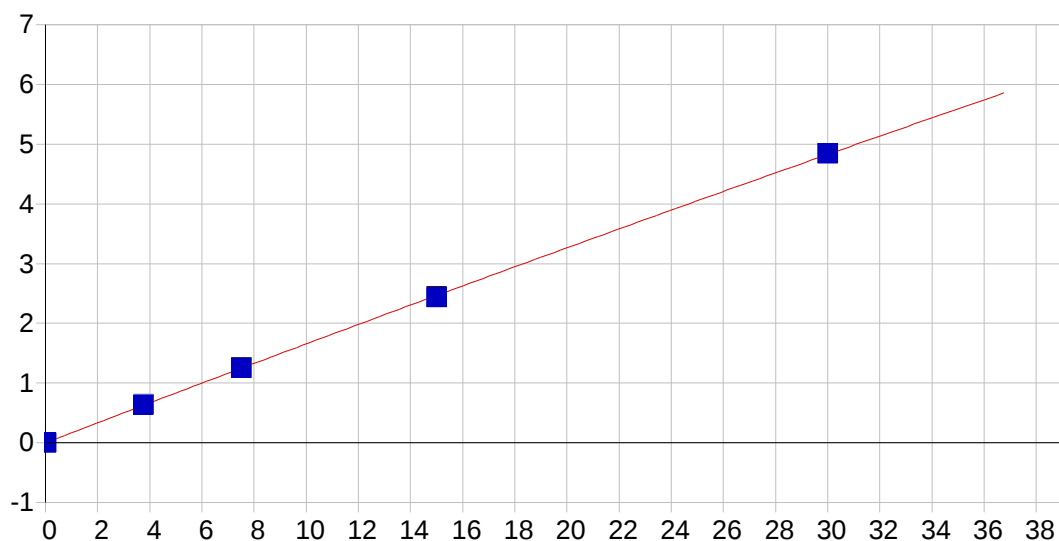
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00065	.000	1
S1	.02500	.02648	.001	5.90	.00326	.000	1
S2	3.7500	3.7530	.003	.079	.37108	.004	1
S3	7.5000	7.4590	-.041	-.547	.73688	.005	1
S4	15.000	14.792	-.208	-1.38	1.4607	.006	1
S5	30.000	30.244	.244	.814	2.9859	.008	1



Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000064 Re-Slope: 1.000000
 A1 (Gain): 0.011026 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.016151
 Predicted MQL: 0.053838

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00006	.000	1
S1	.10000	.11110	.011	11.1	.00130	.000	1
S2	37.500	39.882	2.38	6.35	.44203	.008	1
S3	75.000	77.109	2.11	2.81	.85471	.010	1
S4	150.00	150.71	.710	.473	1.6707	.008	1
S5	300.00	297.17	-2.83	-.945	3.2944	.028	1
S6	800.00	797.62	-2.38	-.297	8.8349	.063	1

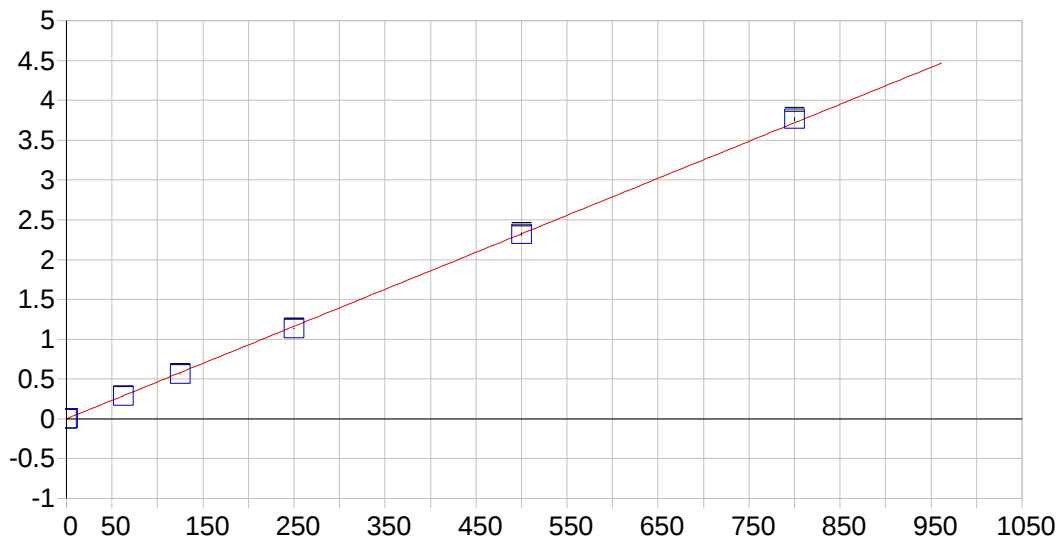


Mn 257.610 {131}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000108 Re-Slope: 1.000000
 A1 (Gain): 0.167884 Y-int: 0.000000
 A2 (Curvature): -0.000232
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000065
 Predicted MDL: 0.000962
 Predicted MQL: 0.003208

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00011	.000	1
S1	.01500	.01756	.003	17.1	.00284	.000	1
S2	3.7500	3.8300	.080	2.13	.63963	.007	1
S3	7.5000	7.5348	.035	.463	1.2520	.010	1
S4	15.000	14.797	-.203	-1.35	2.4338	.014	1
S5	30.000	30.086	.086	.287	4.8419	.002	1



Mg 279.079 {121}

Date of Fit: 5/25/2018 18:24:01

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000084

Re-Slope: 1.000000

A1 (Gain): 0.004647

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999901

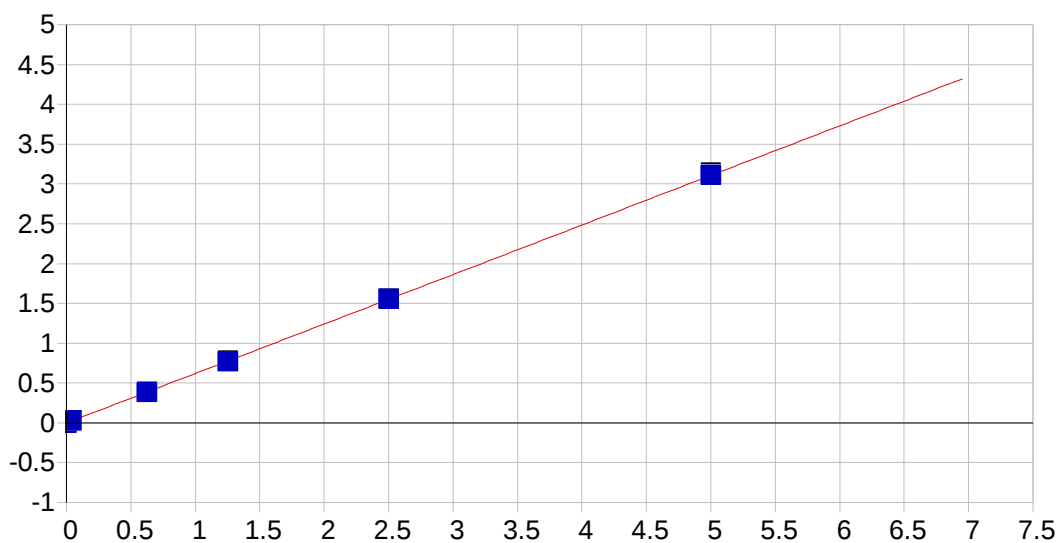
Status: OK.

Std Error of Est: 0.000102

Predicted MDL: 0.046369

Predicted MQL: 0.154564

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00010	.000	.000	-.00008	.000	1
S1	1.0000	.95620	-.044	-4.38	.00436	.000	1
S2	62.500	61.427	-1.07	-1.72	.28538	.004	1
S3	125.00	121.61	-3.39	-2.71	.56507	.007	1
S4	250.00	244.88	-5.12	-2.05	1.1379	.007	1
S5	500.00	499.50	-.504	-.101	2.3212	.019	1
S6	800.00	810.13	10.1	1.27	3.7647	.026	1

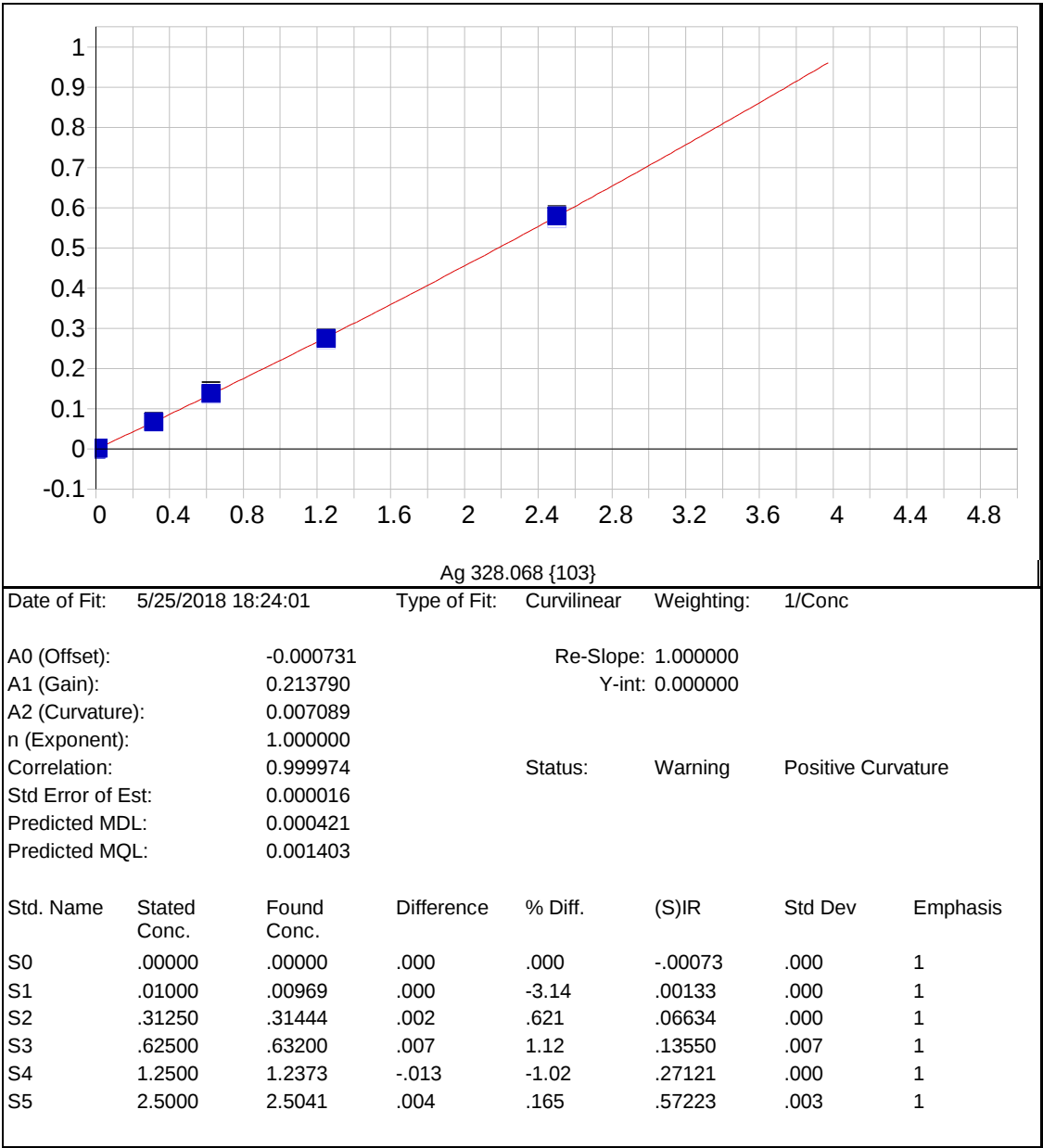


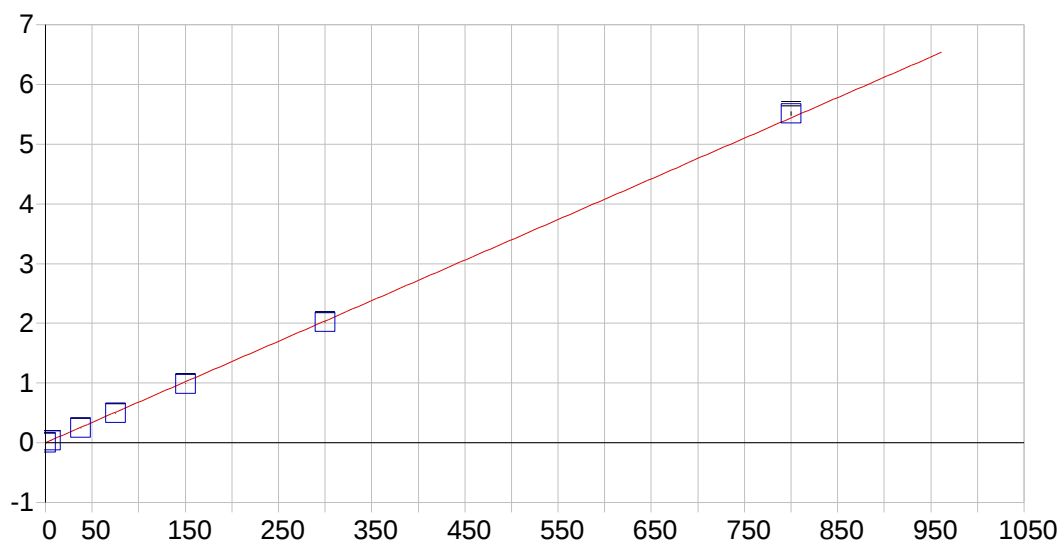
Ni 231.604 {446}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001768 Re-Slope: 1.000000
 A1 (Gain): 0.621645 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000092
 Predicted MDL: 0.000381
 Predicted MQL: 0.001269

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00177	.000	1
S1	.04000	.04276	.003	6.91	.02483	.000	1
S2	.62500	.61964	-.005	-.857	.38423	.002	1
S3	1.2500	1.2394	-.011	-.850	.77028	.008	1
S4	2.5000	2.4998	.000	-.006	1.5554	.000	1
S5	5.0000	5.0134	.013	.268	3.1211	.018	1



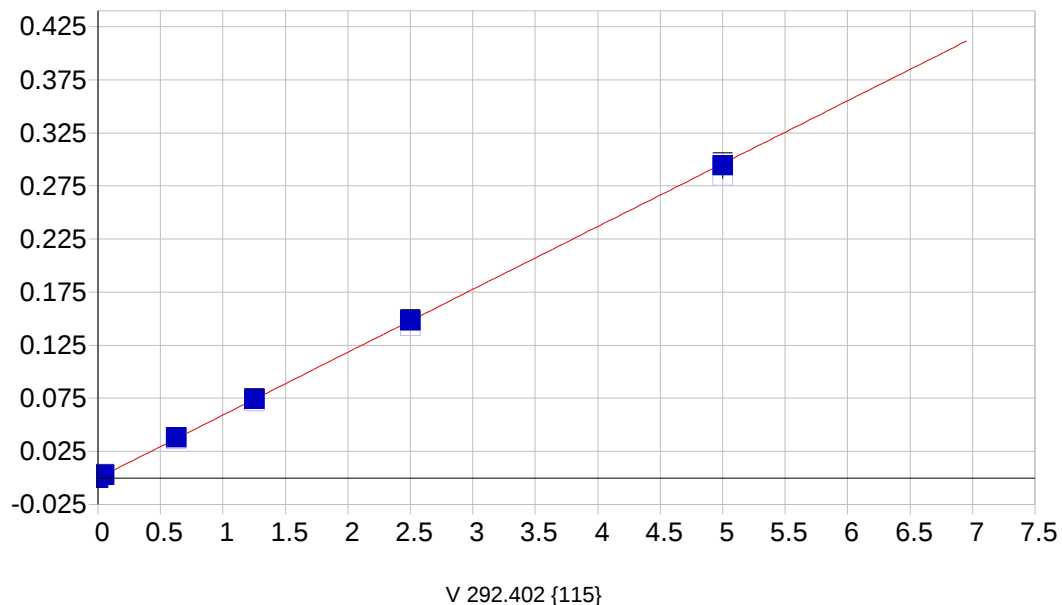


Na 818.326 { 41}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001322 Re-Slope: 1.000000
 A1 (Gain): 0.006796 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999837 Status: OK.
 Std Error of Est: 0.000379
 Predicted MDL: 0.223464
 Predicted MQL: 0.744879

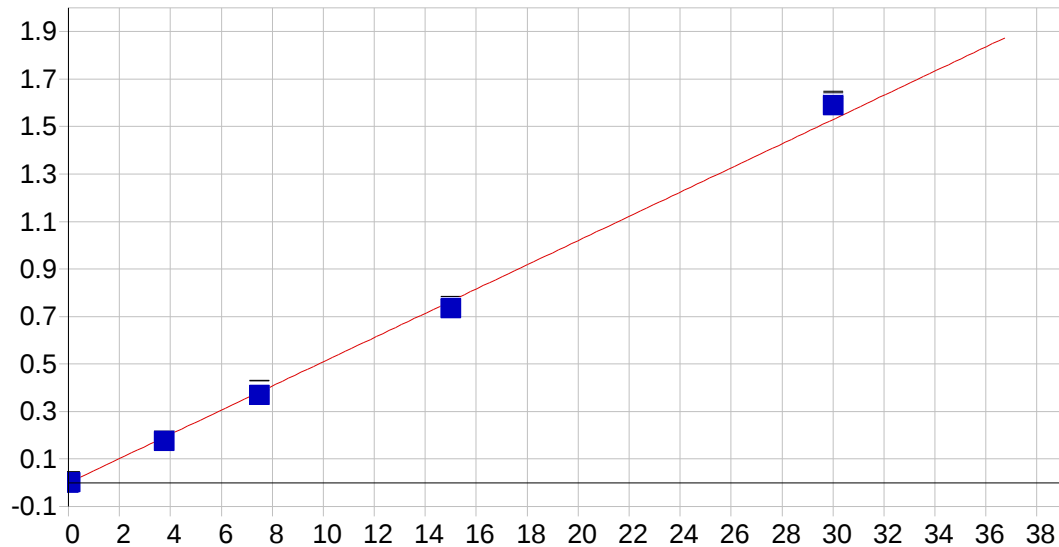
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00049	.000	.000	.00133	.002	1
S1	5.0000	4.9416	-.058	-1.17	.03491	.001	1
S2	37.500	36.465	-1.03	-2.76	.24915	.003	1
S3	75.000	72.627	-2.37	-3.16	.49492	.004	1
S4	150.00	145.04	-4.96	-3.30	.98709	.005	1
S5	300.00	297.33	-2.67	-.890	2.0221	.010	1
S6	800.00	811.09	11.1	1.39	5.5138	.039	1



Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.059213 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000015
 Predicted MDL: 0.004507
 Predicted MQL: 0.015022

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00005	.000	1
S1	.05000	.05407	.004	8.13	.00314	.000	1
S2	.62500	.63924	.014	2.28	.03658	.000	1
S3	1.2500	1.2567	.007	.537	.07192	.001	1
S4	2.5000	2.5005	.000	.019	.14312	.001	1
S5	5.0000	4.9744	-.026	-.512	.28473	.003	1

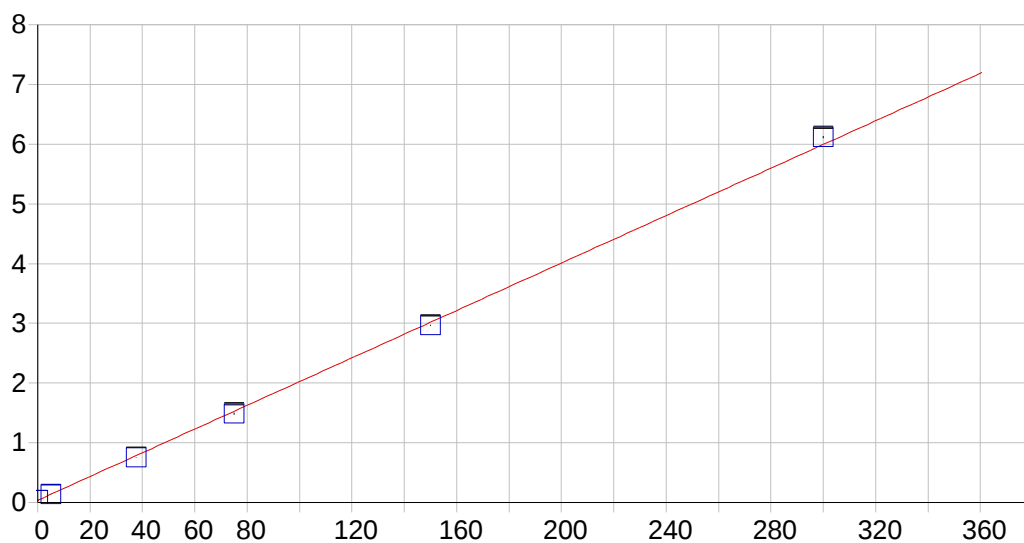


Zn 213.856 {158}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000368 Re-Slope: 1.000000
 A1 (Gain): 0.050998 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999097 Status: OK.
 Std Error of Est: 0.000155
 Predicted MDL: 0.007329
 Predicted MQL: 0.024431

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00037	.000	1
S1	.06000	.06136	.001	2.27	.00277	.000	1
S2	3.7500	3.4482	-.302	-8.05	.17638	.000	1
S3	7.5000	7.2269	-.273	-3.64	.36999	.019	1
S4	15.000	14.409	-.591	-3.94	.73806	.006	1
S5	30.000	31.165	1.16	3.88	1.5962	.011	1



K 769.896 { 44}

Date of Fit: 5/25/2018 18:24:01

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.039200

Re-Slope: 1.000000

A1 (Gain): 0.019850

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999755

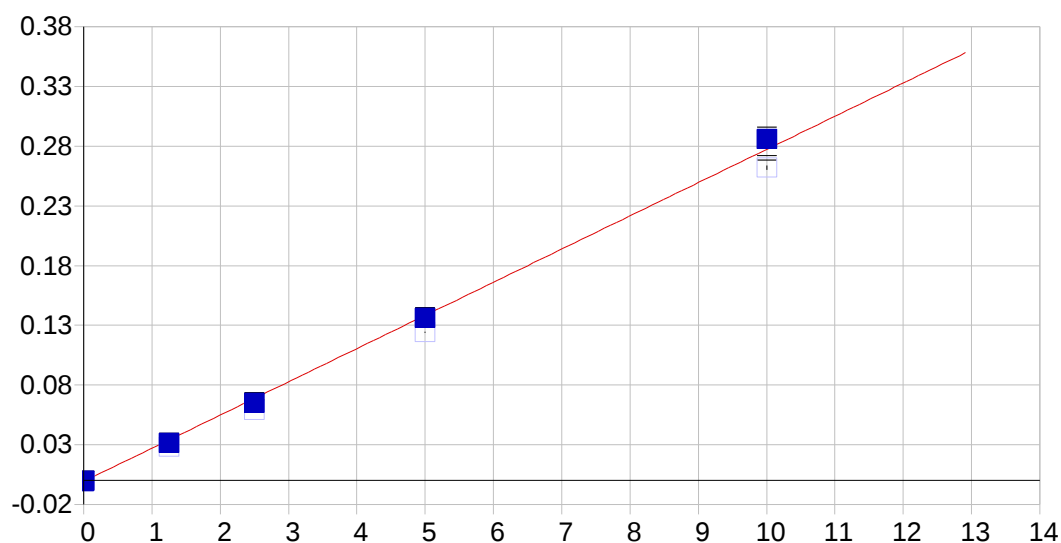
Status: OK.

Std Error of Est: 0.000906

Predicted MDL: 0.060291

Predicted MQL: 0.200970

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00047	.000	.000	.03921	.001	1
S1	5.0000	4.8323	-.168	-3.35	.13512	.003	1
S2	37.500	36.186	-1.31	-3.50	.75749	.006	1
S3	75.000	72.906	-2.09	-2.79	1.4864	.017	1
S4	150.00	147.46	-2.54	-1.69	2.9663	.009	1
S5	300.00	306.12	6.12	2.04	6.1157	.016	1

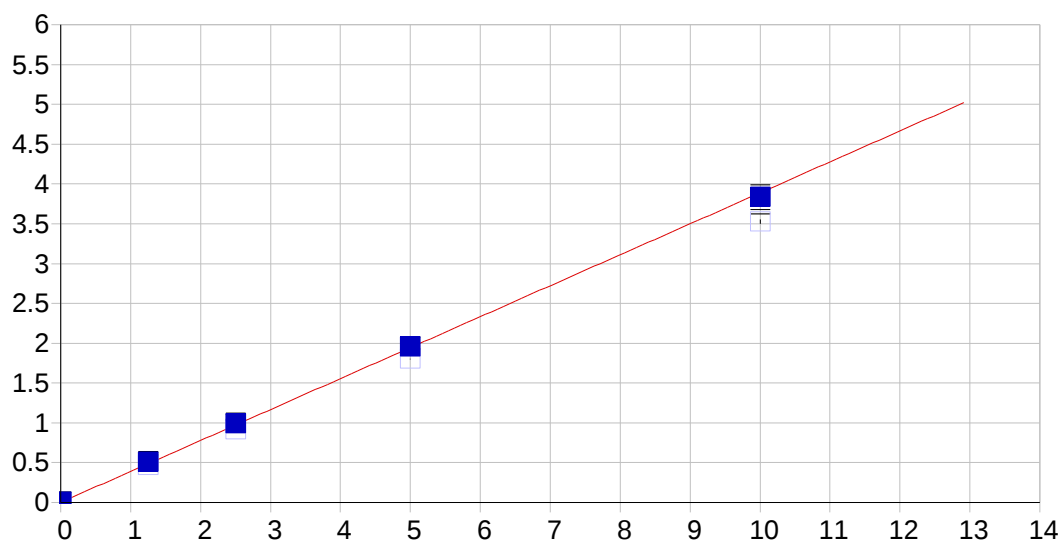


P 177.495 {490}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000699 Re-Slope: 1.000000
 A1 (Gain): 0.027795 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999170 Status: OK.
 Std Error of Est: 0.000017
 Predicted MDL: 0.002838
 Predicted MQL: 0.009459

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00070	.000	1
S1	.01000	.00902	-.001	-9.83	-.00047	.000	1
S2	1.2500	1.1524	-.098	-7.81	.02833	.000	1
S3	2.5000	2.3656	-.134	-5.38	.05906	.000	1
S4	5.0000	4.9199	-.080	-1.60	.12406	.000	1
S5	10.000	10.313	.313	3.13	.26198	.002	1



Date of Fit: 5/25/2018 18:24:01

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001085

Re-Slope: 1.000000

A1 (Gain): 0.388742

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999818

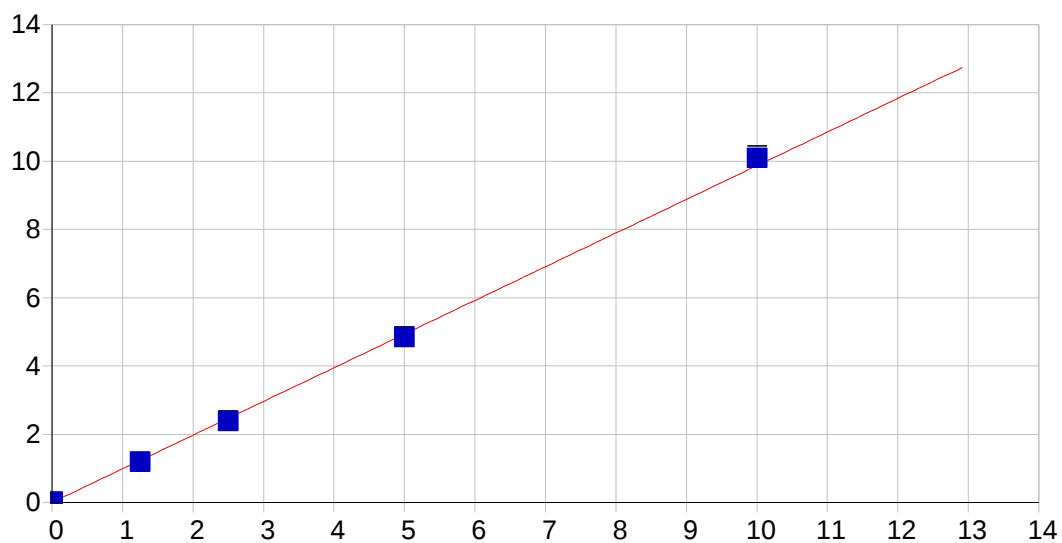
Status: OK.

Std Error of Est: 0.000115

Predicted MDL: 0.001022

Predicted MQL: 0.003407

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00108	.000	1
S1	.01000	.01062	.001	6.17	.00513	.000	1
S2	1.2500	1.3088	.059	4.70	.47138	.008	1
S3	2.5000	2.5484	.048	1.94	.91479	.005	1
S4	5.0000	5.0292	.029	.585	1.8022	.004	1
S5	10.000	9.8629	-.137	-1.37	3.5273	.029	1

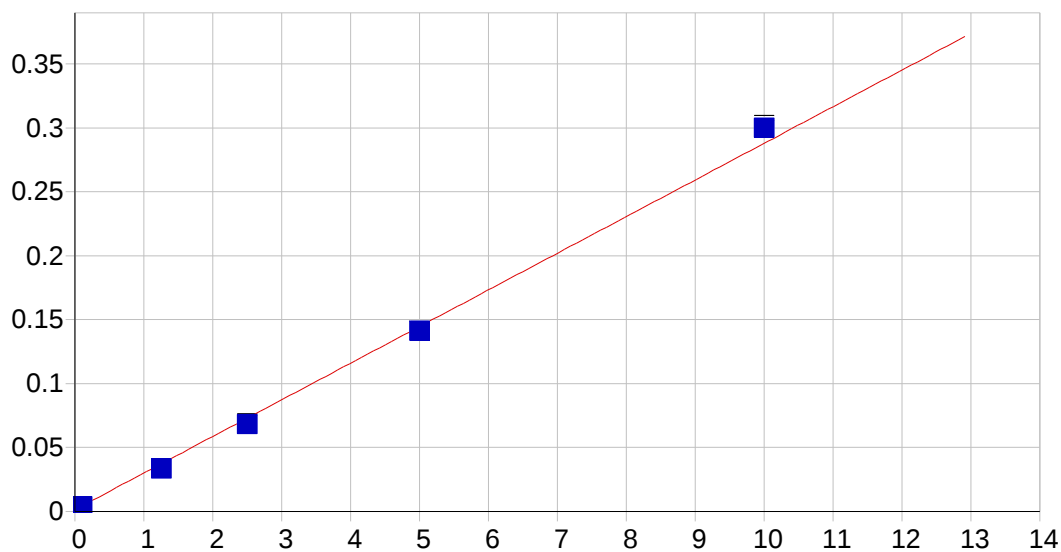


Mo 202.030 {467}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000419 Re-Slope: 1.000000
 A1 (Gain): 0.986776 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999666 Status: OK.
 Std Error of Est: 0.000427
 Predicted MDL: 0.000240
 Predicted MQL: 0.000799

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00042	.000	1
S1	.01000	.01058	.001	5.82	.01086	.000	1
S2	1.2500	1.2047	-.045	-3.63	1.1891	.004	1
S3	2.5000	2.4132	-.087	-3.47	2.3816	.015	1
S4	5.0000	4.8946	-.105	-2.11	4.8301	.016	1
S5	10.000	10.237	.237	2.37	10.102	.061	1

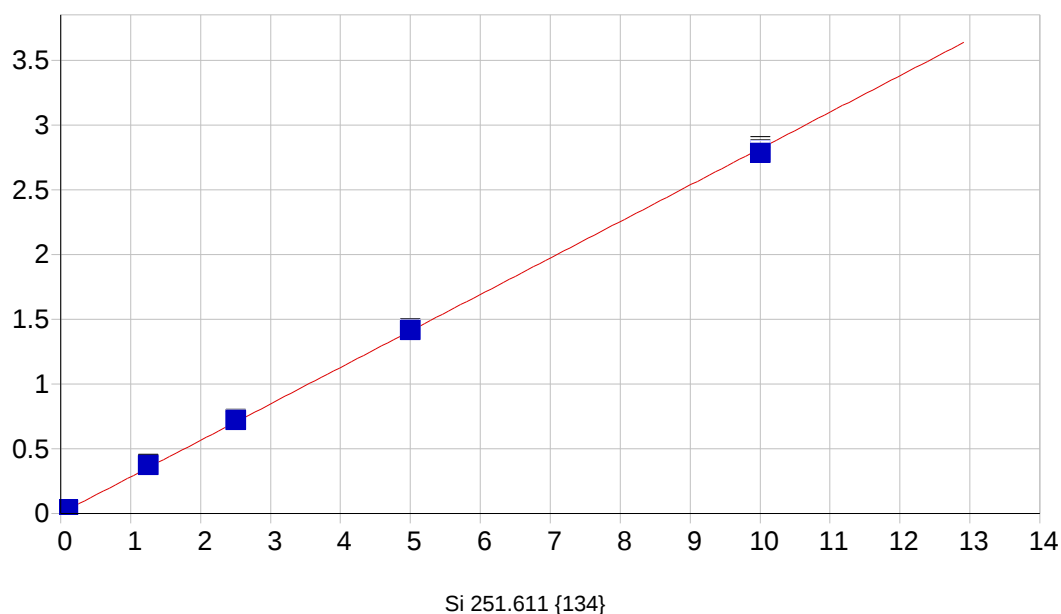


S 182.034 {485}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001369 Re-Slope: 1.000000
 A1 (Gain): 0.028658 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998790 Status: OK.
 Std Error of Est: 0.000075
 Predicted MDL: 0.003633
 Predicted MQL: 0.012109

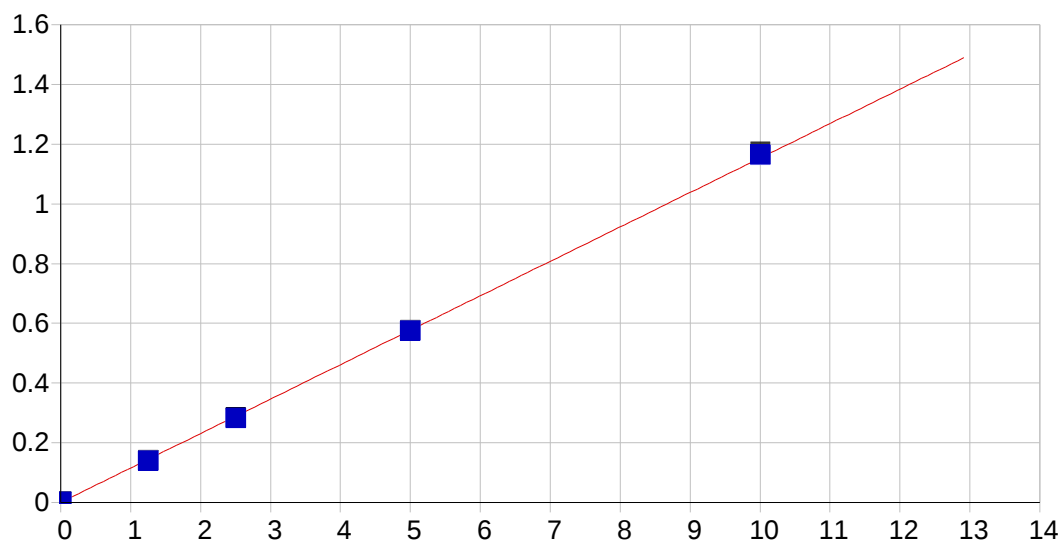
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00137	.000	1
S1	.10000	.09084	-.009	-9.16	.00397	.000	1
S2	1.2500	1.1235	-.126	-10.1	.03358	.000	1
S3	2.5000	2.3297	-.170	-6.81	.06816	.001	1
S4	5.0000	4.8840	-.116	-2.32	.14138	.000	1
S5	10.000	10.422	.422	4.22	.30014	.002	1



Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001411 Re-Slope: 1.000000
 A1 (Gain): 0.281566 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999851 Status: OK.
 Std Error of Est: 0.000261
 Predicted MDL: 0.001282
 Predicted MQL: 0.004272

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00141	.000	1
S1	.10000	.10203	.002	2.03	.03024	.000	1
S2	1.2500	1.3142	.064	5.14	.37433	.006	1
S3	2.5000	2.5449	.045	1.80	.72373	.006	1
S4	5.0000	5.0132	.013	.263	1.4245	.002	1
S5	10.000	9.8757	-.124	-1.24	2.8052	.028	1

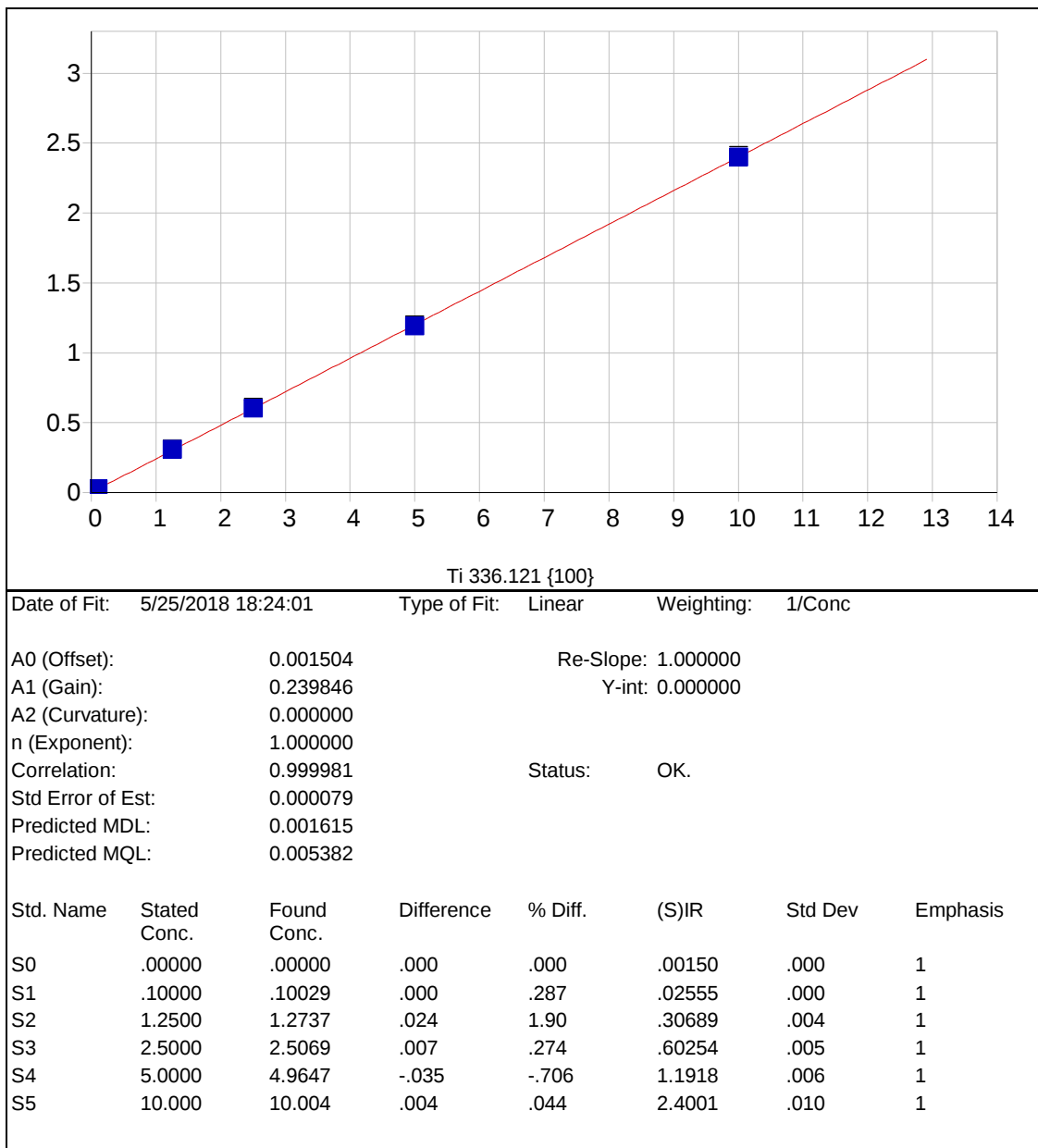


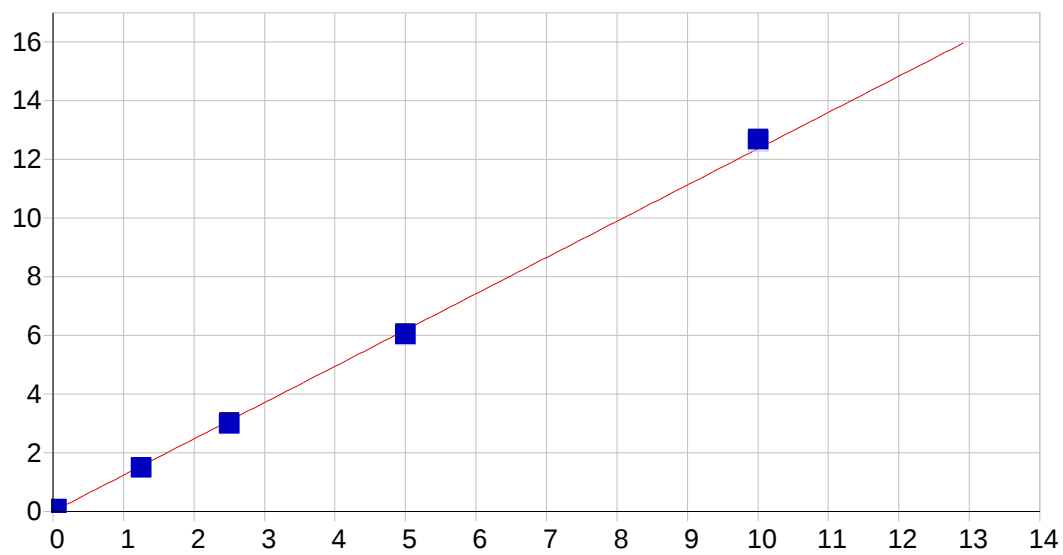
Sn 189.989 {478}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000302 Re-Slope: 1.000000
 A1 (Gain): 0.115311 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999913 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.000900
 Predicted MQL: 0.003000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00030	.000	1
S1	.00700	.00743	.000	6.10	.00113	.000	1
S2	1.2500	1.2134	-.037	-2.93	.13990	.001	1
S3	2.5000	2.4471	-.053	-2.12	.28184	.002	1
S4	5.0000	4.9897	-.010	-.206	.57440	.001	1
S5	10.000	10.099	.099	.995	1.1623	.008	1





Li 670.784 { 50}

Date of Fit: 5/25/2018 18:24:01 Type of Fit: Linear Weighting: 1/Conc

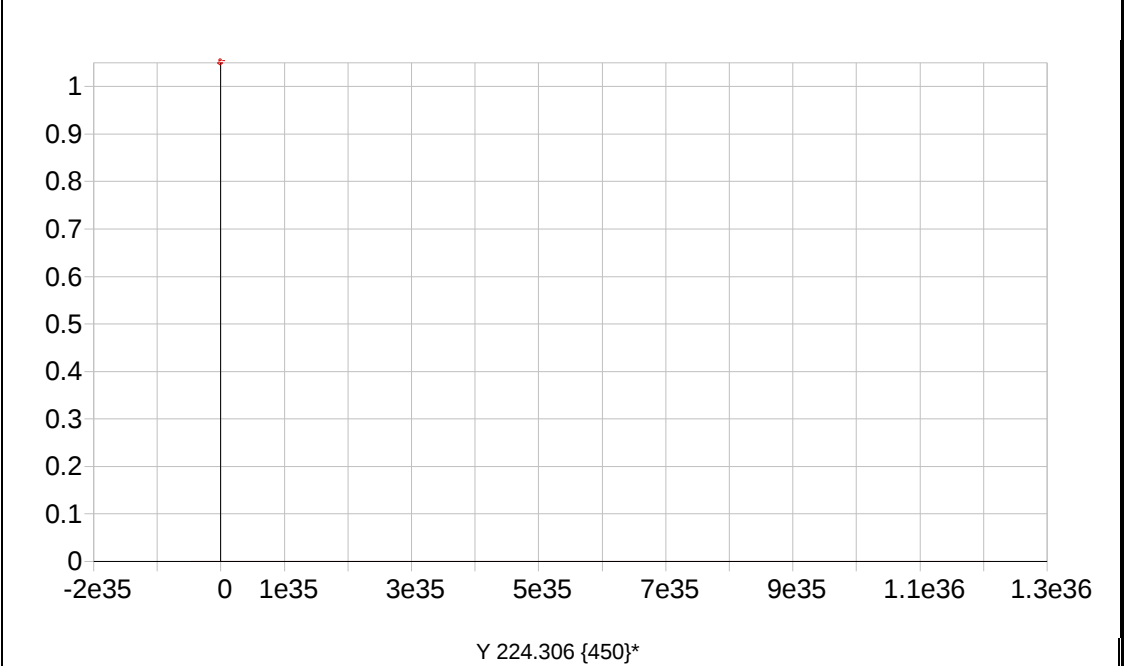
A0 (Offset): 0.003790 Re-Slope: 1.000000
 A1 (Gain): 1.236286 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999617 Status: OK.
 Std Error of Est: 0.001277
 Predicted MDL: 0.001270
 Predicted MQL: 0.004234

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00379	.001	1
S5	10.000	10.250	.250	2.50	12.606	.024	1
S4	5.0000	4.8770	-.123	-2.46	5.9984	.031	1
S3	2.5000	2.4187	-.081	-3.25	2.9766	.037	1
S2	1.2500	1.2004	-.050	-3.97	1.4792	.014	1
S1	.05000	.05428	.004	8.56	.07077	.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

Status: Warning Zero Gain

[illegible]

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Re-Slope: 1.000000
Y-int: 0.000000

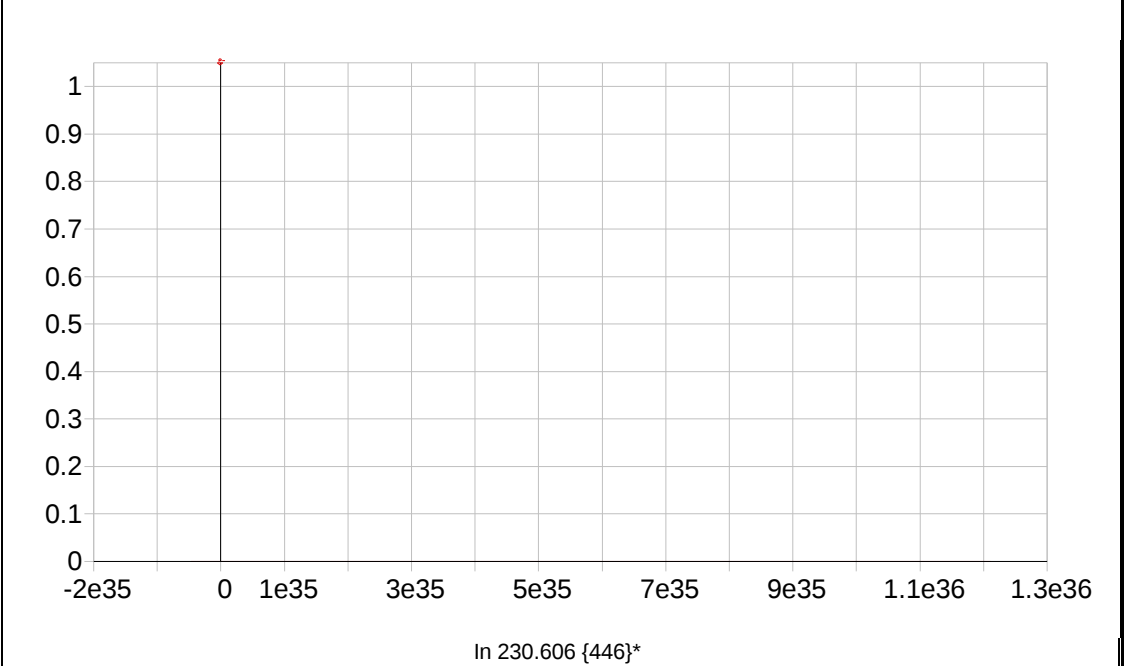
Status: Warning Zero Gain

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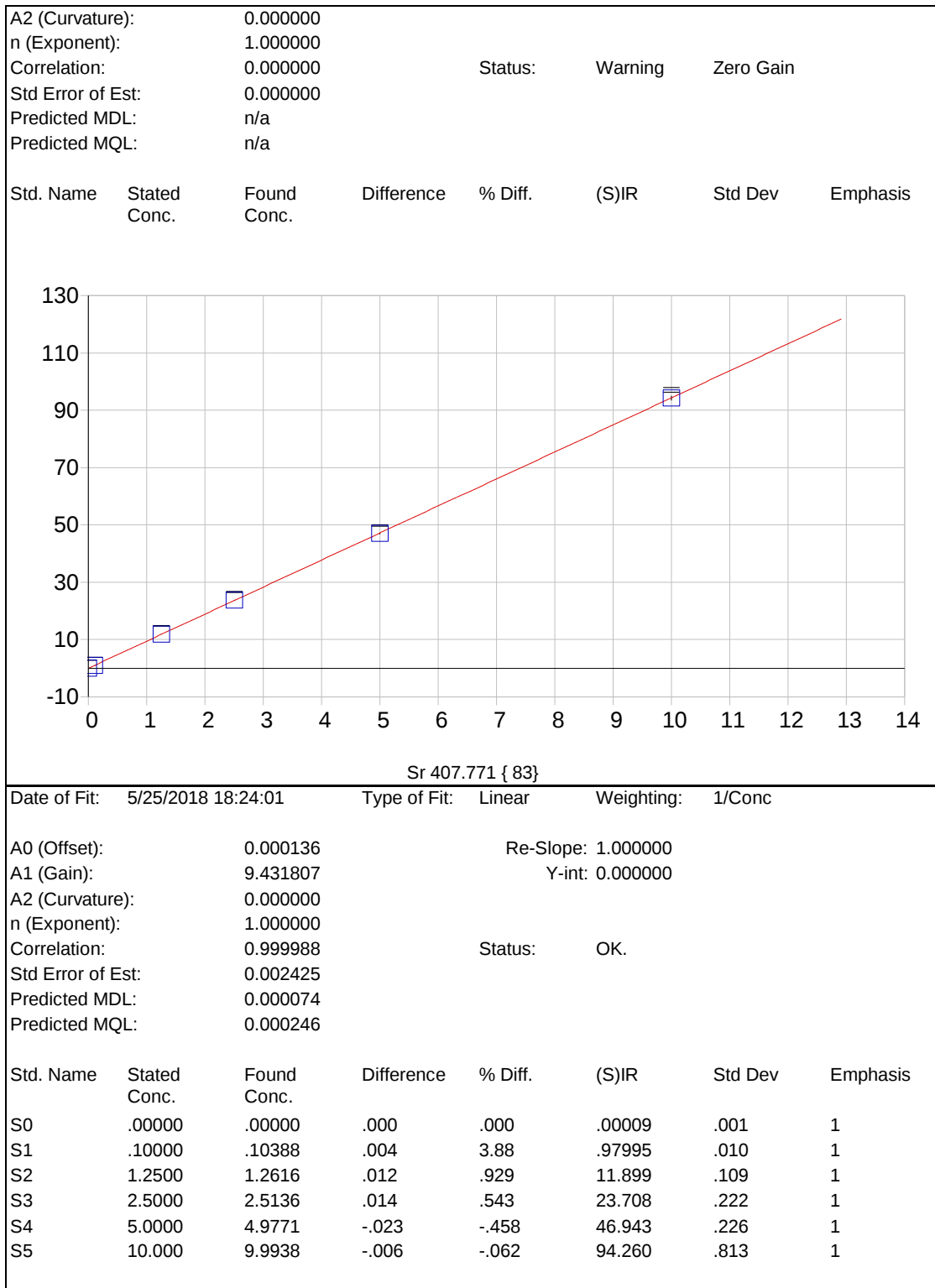


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 5/25/2018 14:50:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	-.00034	-.00015	-.00015	.00033	.00025	.00059	-.01926	-.00183
Stddev	.00018	.00005	.00010	.00006	.00030	.00055	.00188	.00029
%RSD	53.127	33.342	64.123	17.981	118.62	92.954	9.7605	15.640

#1	-.00043	-.00011	-.00007	.00036	.00025	.00121	-.01714	-.00212
#2	-.00047	-.00014	-.00026	.00027	.00055	.00040	-.01991	-.00181
#3	-.00013	-.00021	-.00012	.00038	-.00004	.00016	-.02074	-.00155

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	.00065	.00140	-.00001	-.00040	.00065	.00006	-.00011	-.00008
Stddev	.00011	.00023	.00003	.00017	.00015	.00014	.00005	.00030
%RSD	16.683	16.414	310.58	42.349	22.486	226.09	41.530	351.70

#1	.00074	.00115	-.00005	-.00051	.00082	.00020	-.00007	-.00029
#2	.00069	.00161	.00001	-.00050	.00057	-.00008	-.00016	.00025
#3	.00053	.00145	.00001	-.00021	.00057	.00007	-.00009	-.00022

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	-.00177	-.00073	.00133	-.00005	-.00037	.03921	-.00070	.00108
Stddev	.00010	.00002	.00183	.00019	.00014	.00095	.00007	.00042
%RSD	5.6411	3.0126	137.86	342.35	39.442	2.4219	9.7709	39.080

#1	-.00177	-.00073	-.00050	-.00021	-.00038	.04016	-.00077	.00071
#2	-.00167	-.00071	.00132	-.00010	-.00051	.03921	-.00064	.00154
#3	-.00187	-.00075	.00315	.00015	-.00022	.03826	-.00068	.00100

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	.00042	.00137	.00141	.00030	.00150	.00379	.00009	
Stddev	.00005	.00008	.00027	.00010	.00043	.00058	.00060	
%RSD	11.456	6.0934	19.203	32.855	28.548	15.179	667.45	

#1	.00037	.00132	.00156	.00040	.00195	.00375	.00016	
#2	.00046	.00133	.00110	.00031	.00147	.00324	.00066	
#3	.00043	.00147	.00157	.00020	.00109	.00438	-.00054	

Sample Name: S0 Acquired: 5/25/2018 14:50:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	2188.3	2345.2	56548.	6972.3	3634.3
Stddev	10.8	16.2	198.	18.7	23.3
%RSD	.49472	.68890	.35075	.26801	.63973
#1	2178.3	2328.3	56474.	6981.7	3608.4
#2	2186.7	2360.5	56397.	6984.5	3653.4
#3	2199.8	2346.9	56773.	6950.8	3641.1

Sample Name: S1 Acquired: 5/25/2018 14:54:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	.00003	.00102	.00134	.00302	.01187	.01687	.70895	.02510
Stddev	.00002	.00005	.00017	.00018	.00037	.00044	.00442	.00062
%RSD	52.909	5.0132	12.409	5.8057	3.0955	2.6086	.62289	2.4874

#1	.00001	.00102	.00153	.00311	.01154	.01648	.71190	.02485
#2	.00003	.00107	.00126	.00314	.01182	.01679	.71108	.02581
#3	.00004	.00097	.00122	.00282	.01227	.01735	.70387	.02463

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	.01430	.03829	.00164	.04086	.00326	.00130	.00284	.00436
Stddev	.00004	.00055	.00004	.00047	.00028	.00009	.00014	.00007
%RSD	.27653	1.4399	2.2939	1.1409	8.5819	7.0362	4.9221	1.6858

#1	.01426	.03871	.00159	.04046	.00344	.00128	.00294	.00443
#2	.01429	.03849	.00166	.04074	.00341	.00140	.00268	.00435
#3	.01434	.03767	.00166	.04137	.00294	.00122	.00290	.00429

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	.02483	.00133	.03491	.00314	.00277	.13512	-.00047	.00513
Stddev	.00030	.00005	.00116	.00048	.00034	.00259	.00009	.00047
%RSD	1.2166	3.6222	3.3183	15.240	12.270	1.9157	18.529	9.0977

#1	.02450	.00131	.03450	.00290	.00241	.13788	-.00044	.00567
#2	.02509	.00129	.03621	.00283	.00283	.13474	-.00056	.00493
#3	.02489	.00138	.03401	.00369	.00308	.13275	-.00040	.00481

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	.01086	.00397	.03024	.00113	.02555	.07077	.97995
Stddev	.00005	.00004	.00020	.00007	.00039	.00091	.00965
%RSD	.46265	.88625	.65132	6.2979	1.5428	1.2895	.98452

#1	.01090	.00394	.03031	.00117	.02574	.07075	.98895
#2	.01080	.00397	.03039	.00116	.02581	.07170	.98116
#3	.01086	.00401	.03001	.00105	.02510	.06987	.96976

Sample Name: S1 Acquired: 5/25/2018 14:54:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	2250.5	2341.8	57430.	7121.5	3632.4
Stddev	5.2	.2	127.	63.9	4.4
%RSD	.23171	.00907	.22102	.89672	.12042
#1	2252.4	2341.9	57565.	7074.5	3632.3
#2	2254.5	2342.0	57314.	7095.8	3636.8
#3	2244.6	2341.6	57410.	7194.2	3628.0

Sample Name: S2 Acquired: 5/25/2018 14:58:48 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	.04232	.06097	.98088	.08464	.22326	2.8079	8.6568	.63818
Stddev	.00028	.00036	.00268	.00053	.00118	.0252	.0638	.01014
%RSD	.66449	.58297	.27361	.62621	.52826	.89710	.73700	1.5890

#1	.04245	.06056	.98066	.08484	.22351	2.8172	8.6580	.64059
#2	.04200	.06119	.97831	.08404	.22198	2.8271	8.7200	.64690
#3	.04252	.06115	.98367	.08504	.22430	2.7794	8.5924	.62705

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	1.6595	2.0930	.55346	.49386	.37108	.44203	.63963	.28538
Stddev	.0030	.0185	.00099	.00238	.00365	.00768	.00729	.00445
%RSD	.18042	.88264	.17966	.48271	.98466	1.7369	1.1395	1.5608

#1	1.6602	2.0903	.55233	.49352	.37123	.44453	.63607	.28675
#2	1.6562	2.1126	.55389	.49166	.37466	.44814	.64802	.28898
#3	1.6621	2.0760	.55418	.49639	.36736	.43341	.63481	.28040

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	.38423	.06634	.24915	.03658	.17638	.75749	.02833	.47138
Stddev	.00190	.00028	.00325	.00021	.00021	.00555	.00026	.00827
%RSD	.49577	.42289	1.3038	.57743	.12119	.73311	.91689	1.7536

#1	.38503	.06611	.24851	.03676	.17657	.75733	.02811	.47406
#2	.38205	.06665	.25268	.03662	.17615	.76312	.02828	.47797
#3	.38560	.06625	.24628	.03635	.17643	.75202	.02862	.46210

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	1.1891	.03358	.37433	.13990	.30689	1.4792	11.899	
Stddev	.0040	.00002	.00621	.00062	.00391	.0143	.109	
%RSD	.33963	.07241	1.6590	.44232	1.2747	.96473	.91876	

#1	1.1883	.03355	.37608	.13986	.30791	1.4803	11.914	
#2	1.1855	.03360	.37947	.13930	.31019	1.4928	12.001	
#3	1.1935	.03359	.36743	.14054	.30257	1.4643	11.783	

Sample Name: S2 Acquired: 5/25/2018 14:58:48 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	2127.6	2226.8	55392.	6953.5	3272.4
Stddev	8.6	10.9	220.	132.5	17.8
%RSD	.40518	.48901	.39681	1.9049	.54259
#1	2125.9	2235.6	55559.	6924.8	3287.3
#2	2119.9	2230.2	55143.	6837.8	3277.1
#3	2136.9	2214.7	55473.	7098.0	3252.8

Sample Name: S3 Acquired: 5/25/2018 15:02:43 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	.08593	.12050	1.9594	.17012	.45329	5.6016	17.432	1.2401
Stddev	.00064	.00092	.0206	.00088	.00328	.0644	.214	.0081
%RSD	.74188	.76141	1.0502	.51554	.72463	1.1496	1.2263	.65189

#1	.08548	.12112	1.9545	.17020	.45169	5.6599	17.639	1.2406
#2	.08565	.11945	1.9417	.16921	.45111	5.5325	17.212	1.2317
#3	.08666	.12094	1.9820	.17096	.45707	5.6125	17.446	1.2479

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.2999	4.1056	1.0950	.99198	.73688	.85471	1.2520	.56507
Stddev	.0341	.0466	.0550	.00995	.00500	.00973	.0104	.00688
%RSD	1.0323	1.1361	5.0192	1.0030	.67844	1.1386	.83088	1.2169

#1	3.2946	4.1516	1.0374	.98856	.74138	.86137	1.2627	.57103
#2	3.2688	4.0583	1.1469	.98419	.73150	.84354	1.2419	.55755
#3	3.3363	4.1068	1.1008	1.0032	.73776	.85922	1.2513	.56664

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	.77028	.13550	.49492	.07192	.36999	1.4864	.05906	.91479
Stddev	.00799	.00681	.00389	.00061	.01895	.0169	.00049	.00538
%RSD	1.0376	5.0237	.78689	.85332	5.1212	1.1361	.82897	.58857

#1	.76808	.12877	.49780	.07255	.35188	1.5028	.05935	.91672
#2	.76362	.14238	.49049	.07132	.38967	1.4690	.05849	.90871
#3	.77914	.13536	.49646	.07188	.36842	1.4874	.05933	.91895

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	2.3816	.06816	.72373	.28184	.60254	2.9766	23.708	
Stddev	.0151	.00060	.00559	.00189	.00541	.0369	.222	
%RSD	.63529	.88459	.77257	.66964	.89851	1.2412	.93760	

#1	2.3729	.06828	.72435	.28181	.60748	3.0102	23.931	
#2	2.3728	.06750	.71786	.27997	.59675	2.9371	23.486	
#3	2.3991	.06869	.72899	.28374	.60339	2.9827	23.707	

Sample Name: S3 Acquired: 5/25/2018 15:02:43 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	2005.3	2125.7	53075.	6920.6	3082.7
Stddev	85.4	10.3	2233.	88.1	18.4
%RSD	4.2610	.48529	4.2066	1.2726	.59680
#1	2093.7	2130.1	55408.	6835.3	3083.2
#2	1923.2	2133.0	50958.	7011.2	3100.8
#3	1999.0	2113.9	52860.	6915.3	3064.0

Sample Name: S4 Acquired: 5/25/2018 15:06:36 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	.17739	.23859	3.9810	.34677	.93502	11.338	34.694	2.4524
Stddev	.00062	.00062	.0026	.00151	.00355	.062	.184	.0048
%RSD	.34992	.26188	.06460	.43417	.37918	.54991	.52975	.19686

#1	.17680	.23842	3.9836	.34568	.93604	11.276	34.541	2.4579
#2	.17733	.23807	3.9809	.34614	.93108	11.337	34.643	2.4493
#3	.17804	.23928	3.9785	.34849	.93795	11.401	34.898	2.4499

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.6597	8.0938	2.1279	2.0131	1.4607	1.6707	2.4338	1.1379
Stddev	.0035	.0414	.0023	.0025	.0058	.0080	.0136	.0067
%RSD	.05295	.51181	.10676	.12521	.39856	.48169	.55827	.58865

#1	6.6636	8.0505	2.1296	2.0127	1.4544	1.6614	2.4191	1.1311
#2	6.6589	8.0978	2.1288	2.0158	1.4617	1.6745	2.4363	1.1382
#3	6.6567	8.1331	2.1254	2.0108	1.4659	1.6762	2.4460	1.1445

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	1.5554	.27121	.98709	.14312	.73806	2.9663	.12406	1.8022
Stddev	.0004	.00023	.00470	.00094	.00605	.0092	.00039	.0037
%RSD	.02337	.08319	.47657	.65882	.81950	.31097	.31726	.20259

#1	1.5558	.27112	.98186	.14226	.73289	2.9558	.12364	1.7981
#2	1.5554	.27105	.98841	.14298	.74471	2.9700	.12413	1.8049
#3	1.5551	.27147	.99098	.14413	.73658	2.9730	.12442	1.8037

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	4.8301	.14138	1.4245	.57440	1.1918	5.9984	46.943	
Stddev	.0163	.00038	.0017	.00084	.0058	.0314	.226	
%RSD	.33709	.27204	.12041	.14562	.48808	.52365	.48212	

#1	4.8239	.14095	1.4243	.57446	1.1860	5.9739	46.689	
#2	4.8179	.14151	1.4263	.57353	1.1919	5.9874	47.020	
#3	4.8486	.14168	1.4229	.57520	1.1976	6.0338	47.121	

Sample Name: S4 Acquired: 5/25/2018 15:06:36 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	1929.1	1981.5	51823.	6811.6	2839.1
Stddev	6.7	6.2	221.	20.8	5.5
%RSD	.34900	.31533	.42569	.30594	.19402
#1	1936.5	1981.3	52071.	6834.6	2832.9
#2	1923.3	1987.9	51649.	6793.9	2843.5
#3	1927.5	1975.4	51748.	6806.3	2840.9

Sample Name: S5 Acquired: 5/25/2018 15:10:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	.38319	.47219	8.0879	.74047	2.0177	23.415	70.414	4.8592
Stddev	.00194	.00262	.0480	.00367	.0117	.108	.175	.0434
%RSD	.50596	.55465	.59296	.49504	.57823	.46134	.24871	.89225

#1	.38236	.47195	8.0709	.74068	2.0138	23.499	70.457	4.9080
#2	.38180	.46969	8.0507	.73670	2.0084	23.293	70.221	4.8252
#3	.38540	.47492	8.1420	.74402	2.0308	23.451	70.563	4.8442

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	13.384	16.412	4.1920	4.0886	2.9859	3.2944	4.8419	2.3212
Stddev	.070	.018	.0109	.0218	.0075	.0282	.0021	.0187
%RSD	.52225	.11035	.26013	.53246	.25178	.85566	.04403	.80429

#1	13.357	16.430	4.1796	4.0770	2.9938	3.3175	4.8443	2.3337
#2	13.332	16.411	4.1961	4.0751	2.9788	3.2630	4.8401	2.2997
#3	13.463	16.394	4.2002	4.1137	2.9852	3.3027	4.8414	2.3301

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1211	.57223	2.0221	.28473	1.5962	6.1157	.26198	3.5273
Stddev	.0181	.00282	.0100	.00259	.0107	.0161	.00184	.0291
%RSD	.57852	.49276	.49512	.90934	.66768	.26348	.70213	.82584

#1	3.1137	.56899	2.0301	.28656	1.5869	6.1335	.26212	3.5599
#2	3.1080	.57355	2.0108	.28177	1.6078	6.1022	.26007	3.5039
#3	3.1417	.57415	2.0253	.28586	1.5937	6.1113	.26375	3.5180

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	10.102	.30014	2.8052	1.1623	2.4001	12.606	94.260	
Stddev	.061	.00189	.0277	.0082	.0105	.024	.813	
%RSD	.60828	.62870	.98703	.70576	.43624	.18969	.86284	

#1	10.085	.30029	2.8361	1.1603	2.4094	12.633	94.999	
#2	10.050	.29818	2.7827	1.1553	2.3888	12.592	93.388	
#3	10.169	.30194	2.7967	1.1714	2.4022	12.592	94.392	

Sample Name: S5 Acquired: 5/25/2018 15:10:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	1733.8	1766.4	48750.	6618.9	2570.6
Stddev	11.5	11.7	267.	30.6	17.1
%RSD	.66113	.66244	.54735	.46267	.66506
#1	1740.3	1769.4	49037.	6585.4	2575.1
#2	1720.6	1776.2	48509.	6645.6	2585.0
#3	1740.6	1753.5	48705.	6625.5	2551.7

Sample Name: S6 Acquired: 5/25/2018 15:14:30 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	61.473	27.403	8.8349	3.7647	5.5138
Stddev	.402	.139	.0629	.0257	.0391
%RSD	.65345	.50577	.71182	.68284	.70905

#1	61.802	27.543	8.8968	3.7889	5.5497
#2	61.592	27.401	8.8369	3.7676	5.5195
#3	61.025	27.266	8.7711	3.7377	5.4722

Int. Std.	Y_3710
Units	Cts/S
Avg	6593.8
Stddev	16.2
%RSD	.24561

#1	6575.7
#2	6607.0
#3	6598.7

Sample Name: ICV Acquired: 5/25/2018 15:18:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	.9798545	1.123725	1.007186	1.008667	.9820992	2.454637
Stddev	.0275823	.039024	.032221	.030622	.0349733	.004510
%RSD	2.814940	3.472691	3.199157	3.035860	3.561077	.1837202

#1	.9614493	1.100430	.988732	.990552	.9594067	2.456897
#2	.9665466	1.101969	.988435	.991426	.9645158	2.457570
#3	1.011568	1.168777	1.044392	1.044022	1.022375	2.449444

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5264105	.5218871	.5135890	10.67073	.5350614	.5122443
Stddev	.0011949	.0023902	.0167365	.01519	.0024326	.0168126
%RSD	.2269918	.4579824	3.258726	.1423534	.4546410	3.282137

#1	.5274116	.5192922	.5039167	10.65339	.5333535	.5026688
#2	.5250876	.5239986	.5039356	10.68168	.5378467	.5024068
#3	.5267323	.5223705	.5329146	10.67712	.5339841	.5316572

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5256692	5.590135	.5346711	5.978537	.5286386	F .4349515
Stddev	.0020707	.025839	.0030205	.080021	.0176393	.0008810
%RSD	.3939106	.4622211	.5649286	1.338471	3.336749	.2025415

#1	.5253691	5.565616	.5333281	5.935374	.5182938	.4356361
#2	.5237649	5.617117	.5381302	5.929365	.5186160	.4352608
#3	.5278735	5.587672	.5325550	6.070873	.5490059	.4339576

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.930247	.5359341	.9701907	9.757999	5.417526	F .0116967
Stddev	.176436	.0164650	.0076866	.064111	.195119	.0001958
%RSD	1.776751	3.072215	.7922781	.6570130	3.601626	1.674355

#1	10.10148	.5341884	.9774220	9.783542	5.298919	.0119191
#2	9.74903	.5532025	.9710322	9.805402	5.310937	.0116215
#3	9.94024	.5204115	.9621180	9.685054	5.642724	.0115497

Sample Name: ICV Acquired: 5/25/2018 15:18:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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 .0000125	.0011724	.0056295	F -.001311	-.001088	.0042862
Stddev	.0003549	.0073903	.0012612	.001238	.001068	.0006147
%RSD	2840.049	630.3820	22.40295	94.41867	98.14266	14.34036

#1	.0000462	-.006697	.0049845	-.000608	-.000514	.0046191
#2	.0003493	.002248	.0048213	-.000585	-.000429	.0046626
#3	-.000358	.007966	.0070827	-.002741	-.002319	.0035769

Elem	Sr4077
Units	ppm
Avg	.0121086
Stddev	.0000504
%RSD	.4163216

#1	.0121071
#2	.0120590
#3	.0121598

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2177.097	2260.587	56752.36	7125.046	3490.754
Stddev	12.396	59.069	391.81	23.610	94.180
%RSD	.5693897	2.613009	.6903793	.3313694	2.697999

#1	2185.979	2298.453	56774.64	7143.519	3545.392
#2	2162.935	2290.786	56349.89	7098.446	3544.865
#3	2182.377	2192.524	57132.55	7133.172	3382.004

Sample Name: ICB Acquired: 5/25/2018 15:25:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	.0016214	-.002207	.0000344	.0026518	.0012712	-.000208	-.000092
Stddev	.0031551	.000762	.0013293	.0023591	.0007840	.011571	.000245
%RSD	194.5893	34.51273	3866.814	88.96214	61.67564	5557.040	265.0529

#1	.0038067	-.002654	-.000290	.0051291	.0003662	-.009950	-.000328
#2	.0030532	-.002638	.001496	.0004319	.0017433	-.003257	-.000109
#3	-.001996	-.001327	-.001102	.0023945	.0017043	.012582	.000160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000018	-.000057	-.003279	-.000066	.0001878	-.001244	-.005594
Stddev	.000071	.000036	.011603	.000235	.0001724	.001381	.013323
%RSD	389.6816	63.15969	353.8553	355.4112	91.83740	111.0836	238.1512

#1	-.000079	-.000095	-.004385	.000162	.0003407	-.001511	-.010595
#2	.000059	-.000023	.008838	-.000308	.0000009	-.002472	-.015695
#3	-.000034	-.000054	-.014290	-.000053	.0002217	.000252	.009506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001422	-.017366	.0000962	-.000190	-.083375	-.004847	-.002106
Stddev	.0002485	.016738	.0005044	.000330	.149648	.001054	.004627
%RSD	174.6874	96.38366	524.2512	173.6269	179.4890	21.73621	219.7230

#1	.0002559	.001199	.0006596	.000073	-.254191	-.004466	.001758
#2	.0003136	-.031304	-.000058	-.000560	-.020572	-.004037	-.000842
#3	-.000143	-.021992	-.000313	-.000083	.024639	-.006038	-.007234

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023982	.0025279	.0028355	-.000051	-.004600	.0000749	-.001391
Stddev	.086468	.0022317	.0009142	.000213	.002423	.0008136	.000495
%RSD	360.5509	88.28249	32.24131	421.4010	52.67391	1086.924	35.59622

#1	-.089644	.0022021	.0032835	-.000238	-.003357	.0005582	-.001559
#2	-.056290	.0049046	.0034392	.000181	-.007392	.0005309	-.000834
#3	.073988	.0004770	.0017837	-.000094	-.003051	-.000865	-.001780

Sample Name: ICB Acquired: 5/25/2018 15:25:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	-.000195	.0003812	-.000009
Stddev	.000212	.0002223	.000081
%RSD	108.8154	58.30610	901.4178

#1	-.000048	.0001665	.000060
#2	-.000437	.0006103	-.000099
#3	-.000099	.0003668	.000012

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2185.914	2316.031	57021.25	7051.317	3612.813
Stddev	18.072	1.754	133.92	62.884	8.722
%RSD	.8267385	.0757294	.2348648	.8918079	.2414253

#1	2192.849	2317.584	56947.66	6981.075	3617.027
#2	2165.402	2314.129	56940.26	7070.500	3618.627
#3	2199.492	2316.379	57175.83	7102.375	3602.783

Sample Name: ICSA Acquired: 5/25/2018 15:29:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	-.003026	-.009164	-.009421	.0019794	.0036083	245.6868
Stddev	.007278	.001539	.001926	.0049148	.0006374	1.2992
%RSD	240.5186	16.78943	20.44582	248.2929	17.66443	.5287841

#1	.003067	-.009789	-.010985	-.000803	.0042142	244.2490
#2	-.001060	-.007412	-.010010	.007654	.0036672	246.0350
#3	-.011085	-.010292	-.007270	-.000913	.0029435	246.7764

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053595	.0010039	-.000577	254.9052	.0514969	-.000561
Stddev	.0001317	.0001170	.000074	1.5802	.0000783	.000047
%RSD	2.457942	11.65694	12.76994	.6199318	.1519805	8.420682

#1	.0052202	.0009883	-.000604	253.5157	.0515423	-.000519
#2	.0053763	.0008954	-.000634	254.5756	.0514065	-.000551
#3	.0054821	.0011279	-.000494	256.6242	.0515418	-.000612

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008158	103.6772	.0117596	259.8376	.0016060	-.002846
Stddev	.000836	.6277	.0003714	2.3946	.0007046	.000319
%RSD	10.24697	.6054633	3.158562	.9215584	43.87237	11.21461

#1	-.008951	102.9627	.0120936	257.0958	.0018553	-.002720
#2	-.007285	104.1404	.0118257	261.5182	.0021520	-.002609
#3	-.008239	103.9284	.0113596	260.8987	.0008106	-.003209

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3848589	-.003653	-.012428	-.324905	.0036943	F .1160999
Stddev	.1206874	.000733	.010331	.054637	.0010162	.0022330
%RSD	31.35887	20.06662	83.12804	16.81620	27.50699	1.923307

#1	.2464386	-.002821	-.002119	-.298954	.0037528	.1136616
#2	.4400934	-.003938	-.012384	-.387681	.0046799	.1165932
#3	.4680446	-.004202	-.022781	-.288080	.0026501	.1180450

Sample Name: ICSA Acquired: 5/25/2018 15:29:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	.0008224	.0062098	-.004081	-.005115	-.002878	.0049742
Stddev	.0002823	.0098600	.000264	.001321	.002000	.0012884
%RSD	34.32468	158.7812	6.479242	25.81650	69.48570	25.90067

#1	.0006634	.0170944	-.004099	-.004204	-.001578	.0047870
#2	.0011483	-.002125	-.004335	-.006630	-.005181	.0063460
#3	.0006555	.003660	-.003807	-.004512	-.001875	.0037898

Elem	Sr4077
Units	ppm
Avg	.1030751
Stddev	.0006357
%RSD	.6167517

#1	.1024746
#2	.1030096
#3	.1037410

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.977	2122.020	52670.01	6952.802	2991.764
Stddev	3.929	8.030	64.43	32.218	10.617
%RSD	.1944860	.3783915	.1223362	.4633855	.3548792

#1	2015.815	2129.294	52638.84	6989.521	3001.277
#2	2020.493	2123.363	52627.09	6939.622	2993.704
#3	2023.622	2113.404	52744.11	6929.264	2980.310

Sample Name: ICSAB Acquired: 5/25/2018 16:12:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	.0928981	.0927721	.0415184	.0570705	.5768255	242.8581
Stddev	.0029883	.0042653	.0002421	.0008586	.0070702	.8436
%RSD	3.216797	4.597631	.5830306	1.504460	1.225716	.3473526

#1	.0898149	.0969943	.0417083	.0575837	.5738485	241.8861
#2	.0930979	.0928570	.0416010	.0575485	.5717305	243.2887
#3	.0957816	.0884649	.0412458	.0560793	.5848974	243.3994

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5235181	.5133323	1.001491	251.0242	.5643286	.4952119
Stddev	.0016148	.0041809	.003408	.7018	.0003539	.0016833
%RSD	.3084432	.8144687	.3402446	.2795860	.0627154	.3399225

#1	.5216669	.5089729	.999466	250.2151	.5642847	.4942085
#2	.5242512	.5173083	.999582	251.4688	.5639987	.4942720
#3	.5246363	.5137157	1.005425	251.3887	.5647025	.4971553

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5001474	102.5122	.5214651	256.9562	1.017441	.1751021
Stddev	.0027271	.6343	.0043416	1.8086	.004191	.0009566
%RSD	.5452547	.6187312	.8325705	.7038648	.4119356	.5463095

#1	.4969984	101.8086	.5175790	254.9530	1.015425	.1751676
#2	.5017244	103.0400	.5206654	258.4692	1.014640	.1760243
#3	.5017193	102.6879	.5261510	257.4463	1.022260	.1741145

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2047065	.5092502	.9421188	-.489513	.0056952	F .1106052
Stddev	.2630691	.0088517	.0064877	.066539	.0026660	.0021826
%RSD	128.5103	1.738182	.6886310	13.59282	46.81217	1.973344

#1	.2090280	.4991776	.9454339	-.563008	.0038862	.1103899
#2	-.060497	.5157896	.9346433	-.433366	.0087568	.1128875
#3	.465588	.5127835	.9462791	-.472166	.0044424	.1085382

Sample Name: ICSAB Acquired: 5/25/2018 16:12:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) 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	.0011037	.0228867	-.001793	-.005964	-.004360	.0040856
Stddev	.0001886	.0027054	.000832	.001859	.001029	.0002811
%RSD	17.08861	11.82073	46.40474	31.17388	23.59279	6.881416

#1	.0009145	.0242135	-.001783	-.007961	-.005199	.0044043
#2	.0011049	.0197741	-.002631	-.004283	-.003213	.0039793
#3	.0012917	.0246726	-.000966	-.005648	-.004669	.0038730

Elem	Sr4077
Units	ppm
Avg	.1012678
Stddev	.0003499
%RSD	.3455189

#1	.1008771
#2	.1015523
#3	.1013739

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.388	2087.270	51804.86	6802.482	2945.493
Stddev	6.220	8.980	129.96	64.464	11.388
%RSD	.3131558	.4302078	.2508686	.9476527	.3866191

#1	1979.786	2086.960	51834.05	6868.745	2946.986
#2	1987.238	2096.400	51662.79	6739.982	2956.062
#3	1992.139	2078.449	51917.75	6798.719	2933.433

Sample Name: CCV075 Acquired: 5/25/2018 16:16:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.072570	5.007157	25.53038	5.046126	5.132869	413.2728	10.35543
Stddev	.117730	.108563	.64306	.144461	.131943	10.2160	.22832
%RSD	2.320924	2.168162	2.518800	2.862817	2.570554	2.471969	2.204881

#1	4.960742	4.919940	24.95081	4.922965	5.014133	425.0541	10.61907
#2	5.195427	5.128746	26.22216	5.205137	5.274913	407.8985	10.22576
#3	5.061541	4.972787	25.41818	5.010277	5.109562	406.8658	10.22146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5174791	2.559279	411.4145	15.51194	2.565072	15.39219	416.7471
Stddev	.0247212	.068692	11.1508	.11183	.072371	.31689	12.8685
%RSD	4.777229	2.684043	2.710350	.7209169	2.821403	2.058748	3.087853

#1	.5460185	2.494943	424.2857	15.39980	2.496795	15.75793	431.5584
#2	.5037216	2.631625	404.6801	15.62345	2.640939	15.19947	410.3760
#3	.5026972	2.551270	405.2778	15.51259	2.557483	15.21918	408.3071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.10628	415.7218	2.595504	1.298535	408.0945	2.571471	14.83140
Stddev	.41529	13.1899	.062878	.005861	10.1486	.070741	.31874
%RSD	2.749156	3.172762	2.422566	.4513914	2.486826	2.750999	2.149109

#1	15.58395	430.9483	2.537753	1.296283	419.7495	2.651341	14.48533
#2	14.83081	408.4058	2.662488	1.305189	403.3230	2.546364	15.11295
#3	14.90407	407.8114	2.586271	1.294134	401.2111	2.516708	14.89593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.0222	5.323788	5.273051	5.036127	5.287699	5.106331	5.198595
Stddev	3.7765	.115052	.241145	.127501	.128751	.249385	.123343
%RSD	2.420457	2.161089	4.573164	2.531728	2.434913	4.883843	2.372630

#1	160.3829	5.227737	5.551405	4.918062	5.169139	5.394285	5.091378
#2	153.8282	5.451297	5.140227	5.171331	5.424661	4.960105	5.333395
#3	153.8556	5.292331	5.127522	5.018986	5.269298	4.964605	5.171014

Sample Name: CCV075 Acquired: 5/25/2018 16:16:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.101046	5.155968	5.159037
Stddev	.131340	.098882	.120639
%RSD	2.574766	1.917814	2.338396

#1	5.252703	5.270018	5.298337
#2	5.025733	5.103638	5.088954
#3	5.024701	5.094249	5.089819

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.569	1822.474	49005.32	6453.249	2546.940
Stddev	10.576	42.877	320.75	311.942	57.669
%RSD	.5867295	2.352708	.6545111	4.833877	2.264242

#1	1806.827	1859.723	49284.26	6093.125	2598.956
#2	1790.527	1775.603	48654.85	6626.923	2484.926
#3	1810.352	1832.097	49076.84	6639.700	2556.937

Sample Name: CCB075 Acquired: 5/25/2018 16:20:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001924	-.001071	-.000750	.0035142	.0006369	.0006668	-.000212
Stddev	.0018767	.002441	.001201	.0008315	.0012604	.0025788	.000207
%RSD	975.6504	227.9803	160.2627	23.66142	197.9078	386.7675	97.59446

#1	.0013992	-.000124	-.002136	.0031157	-.000433	-.002260	-.000273
#2	-.001970	.000755	-.000075	.0029569	.002026	.001655	.000019
#3	.001148	-.003843	-.000037	.0044699	.000318	.002605	-.000381

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	-.000003	.0058081	.0000925	-.000124	-.000916	.0016005
Stddev	.000066	.000043	.0134199	.0002198	.000117	.000503	.0106348
%RSD	708.4082	1548.690	231.0559	237.7381	94.39102	54.91869	664.4810

#1	.000067	.000037	-.004736	.0002328	.000008	-.001453	.0085852
#2	-.000051	.000002	.020914	.0002055	-.000215	-.000843	-.010639
#3	-.000044	-.000048	.001245	-.000161	-.000165	-.000454	.006855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002842	.0128277	-.000069	-.000171	-.188387	-.001532	-.001780
Stddev	.0004996	.0543738	.000192	.000254	.067621	.002776	.003464
%RSD	175.7695	423.8787	279.5836	148.6017	35.89504	181.2471	194.6181

#1	.0006783	.0075645	-.000059	-.000201	-.115325	-.003532	-.005779
#2	.0004519	-.038723	-.000265	.000097	-.201061	-.002701	.000212
#3	-.000278	.069642	.000118	-.000408	-.248774	.001638	.000228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.047975	.0023292	.0041045	-.000125	.0011677	.0001162	-.000925
Stddev	.014078	.0011931	.0005523	.000212	.0036853	.0008114	.001229
%RSD	29.34463	51.22305	13.45514	170.2541	315.6118	698.5876	132.8341

#1	-.064227	.0035699	.0041320	.000064	-.001323	-.000710	.000280
#2	-.039543	.0022273	.0046425	-.000083	.005401	.000912	-.000878
#3	-.040155	.0011903	.0035390	-.000354	-.000575	.000146	-.002177

Sample Name: CCB075 Acquired: 5/25/2018 16:20:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB075 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000018	.0003012	.0000095
Stddev	.0012730	.0007770	.0000278
%RSD	71155.81	257.9942	293.4560

#1	.0007580	-.000392	-.000022
#2	-.001468	.001141	.000032
#3	.000715	.000154	.000018

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2149.896	2275.152	56063.69	7037.708	3529.366
Stddev	13.041	8.500	245.63	65.768	10.002
%RSD	.6065918	.3735941	.4381194	.9345127	.2833877

#1	2158.837	2274.258	56174.60	7113.650	3528.774
#2	2155.919	2284.064	56234.30	6999.400	3539.650
#3	2134.932	2267.135	55782.17	7000.075	3519.673

Sample Name: PB109307BL Acquired: 5/25/2018 16:27:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001416	-.001345	-.000390	.0010825	.0014414	.0035245	-.000643
Stddev	.002545	.000922	.001240	.0035939	.0011416	.0044519	.000179
%RSD	179.7019	68.57569	317.5774	331.9906	79.20415	126.3124	27.84291

#1	-.002034	-.000646	-.000049	-.002125	.0024109	.0078364	-.000690
#2	.001381	-.000999	-.001765	.000405	.0001831	-.001055	-.000794
#3	-.003595	-.002391	.000643	.004967	.0017301	.003793	-.000445

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000261	-.000035	.0071770	.0002673	.0000239	-.000903	-.002267
Stddev	.0000881	.000025	.0142612	.0000334	.0001627	.001670	.008553
%RSD	338.1536	71.52209	198.7051	12.50456	681.9011	185.0122	377.3157

#1	.0001273	-.000058	.0067592	.0002376	-.000146	-.002748	-.001946
#2	-.000033	-.000008	.0216426	.0003035	.000179	-.000466	-.010975
#3	-.000016	-.000039	-.006871	.0002607	.000038	.000506	.006121

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002386	-.017979	.0002816	.0000911	.0851574	-.001976	.0052739
Stddev	.0004822	.025924	.0001904	.0000386	.0914110	.002215	.0072324
%RSD	202.1173	144.1866	67.61399	42.34604	107.3437	112.0737	137.1375

#1	-.000318	-.026797	.0002561	.0000540	.1376010	-.004283	-.000121
#2	.000519	.011203	.0004835	.0000882	.1382654	.000133	.013492
#3	.000514	-.038344	.0001052	.0001310	-.020394	-.001777	.002451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021320	-.003774	.0003860	.0000098	-.002244	-.000375	-.001212
Stddev	.057838	.000804	.0010392	.0000747	.001832	.001139	.000759
%RSD	271.2870	21.30179	269.2317	761.9255	81.64652	303.2573	62.57361

#1	-.061609	-.003871	-.000140	-.000041	-.000143	-.000987	-.000618
#2	-.047305	-.002926	.001583	.000096	-.003081	-.001078	-.000952
#3	.044953	-.004525	-.000285	-.000025	-.003508	.000938	-.002067

Sample Name: PB109307BL Acquired: 5/25/2018 16:27:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001152	-.000359	-.000020
Stddev	.000390	.000897	.000011
%RSD	33.87926	249.9607	55.90086

#1	-.001495	.000271	-.000026
#2	-.001234	-.001387	-.000007
#3	-.000728	.000039	-.000027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2123.739	2289.657	55148.97	7025.108	3542.264
Stddev	80.977	9.463	1871.05	50.336	15.744
%RSD	3.812950	.4133100	3.392722	.7165213	.4444510

#1	2031.906	2289.728	53013.62	7061.300	3541.529
#2	2154.413	2299.085	55932.01	6967.625	3558.362
#3	2184.897	2280.158	56501.29	7046.400	3526.900

Sample Name: PB109307BS Acquired: 5/25/2018 16:31:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223842	.0492981	.0199761	.0704314	.1177977	.4026641
Stddev	.0014853	.0009141	.0012955	.0046639	.0015732	.0115812
%RSD	6.635593	1.854283	6.485297	6.621849	1.335485	2.876138

#1	.0235413	.0482684	.0185842	.0749933	.1184746	.3925009
#2	.0229020	.0500141	.0211466	.0656719	.1189192	.4002188
#3	.0207093	.0496118	.0201975	.0706291	.1159994	.4152727

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4136761	.0104829	.0100783	F 2.176135	.0232116	.0987024
Stddev	.0049551	.0000275	.0001118	.033435	.0003162	.0003396
%RSD	1.197817	.2627769	1.109835	1.536453	1.362236	.3440211

#1	.4081912	.0104516	.0100738	2.141094	.0235324	.0989458
#2	.4178292	.0105036	.0099687	2.207691	.0232022	.0983145
#3	.4150078	.0104934	.0101923	2.179620	.0229003	.0988468

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522698	.2467088	.0340550	F 1.940110	.0839437	.0190027
Stddev	.0045152	.0093835	.0013647	.073016	.0001178	.0005271
%RSD	8.638216	3.803487	4.007382	3.763473	.1403426	2.773997

#1	.0472589	.2373441	.0325178	1.893951	.0839942	.0184451
#2	.0560223	.2466714	.0351239	2.024290	.0838091	.0194928
#3	.0535283	.2561110	.0345232	1.902089	.0840278	.0190703

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.840347	.1035404	.1181647	9.698239	.0238656	F .0202559
Stddev	.260769	.0034299	.0100843	.134813	.0002783	.0005123
%RSD	2.650003	3.312589	8.534109	1.390076	1.166203	2.529177

#1	9.560999	.0999543	.1271973	9.543729	.0241102	.0207000
#2	10.07736	.1067891	.1072843	9.791912	.0239239	.0203723
#3	9.88269	.1038778	.1200126	9.759076	.0235628	.0196954

Sample Name: PB109307BS Acquired: 5/25/2018 16:31:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207268	.1800187	.1958725	F .0140232	.1976354	.1080263
Stddev	.0002035	.0007189	.0034916	.0008138	.0036428	.0031795
%RSD	.9819200	.3993578	1.782574	5.803354	1.843183	2.943235

#1	.0207482	.1799061	.1918631	.0138930	.1935141	.1044301
#2	.0205134	.1807873	.1975104	.0132824	.2004247	.1091841
#3	.0209188	.1793627	.1982441	.0148944	.1989674	.1104646

Elem	Sr4077
Units	ppm
Avg	.2041967
Stddev	.0024205
%RSD	1.185367

#1	.2014215
#2	.2058713
#3	.2052974

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.423	2272.555	56171.03	7048.318	3498.993
Stddev	18.063	11.252	51.14	102.833	11.001
%RSD	.8376490	.4951244	.0910370	1.458979	.3144145

#1	2166.150	2259.781	56229.49	7166.883	3486.458
#2	2135.581	2280.995	56134.61	6983.418	3507.046
#3	2167.538	2276.891	56148.98	6994.653	3503.475

Sample Name: J2917-01 Acquired: 5/25/2018 16:35:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038914	-.002646	.1157652	.0024070	.0027519	.1979542	.0431252
Stddev	.0055331	.001213	.0004043	.0007789	.0007354	.0069130	.0002160
%RSD	142.1882	45.82302	.3492576	32.36192	26.72394	3.492211	.5008254

#1	-.002496	-.004006	.1162320	.0018961	.0023014	.1981226	.0430956
#2	.007227	-.002256	.1155296	.0033035	.0036005	.1909586	.0433545
#3	.006943	-.001677	.1155339	.0020213	.0023537	.2047814	.0429256

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000646	.0031441	11.39884	.0006002	-.000190	.0044233	.8024793
Stddev	.0000270	.0000605	.01657	.0002597	.000028	.0009918	.0144635
%RSD	41.81683	1.925140	.1453645	43.27421	14.50133	22.42165	1.802350

#1	.0000335	.0031486	11.39041	.0003093	-.000164	.0040665	.7871887
#2	.0000776	.0030814	11.38819	.0006824	-.000219	.0036594	.8159418
#3	.0000826	.0032022	11.41793	.0008089	-.000188	.0055442	.8043075

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1082494	3.050497	.0027243	.0000473	2.587298	-.001621	.6512229
Stddev	.0007209	.043325	.0001815	.0004094	.097048	.003448	.0006364
%RSD	.6659717	1.420273	6.663729	866.1326	3.750952	212.7943	.0977160

#1	.1090683	3.001679	.0028855	-.000417	2.560669	.001934	.6516405
#2	.1079694	3.065434	.0025276	.000356	2.506343	-.001843	.6515376
#3	.1077104	3.084377	.0027597	.000203	2.694881	-.004952	.6504905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.235425	.0189342	.0119055	-.000120	6.085007	10.23846	-.002464
Stddev	.028709	.0008673	.0005845	.000207	.022577	.01714	.000716
%RSD	12.19460	4.580513	4.909641	172.5420	.3710210	.1673754	29.06875

#1	-.252554	.0189824	.0118559	-.000247	6.060771	10.25264	-.001896
#2	-.251441	.0180439	.0113474	-.000232	6.088810	10.24332	-.002228
#3	-.202281	.0197764	.0125133	.000119	6.105441	10.21942	-.003269

Sample Name: J2917-01 Acquired: 5/25/2018 16:35:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0078065	.0008316	.0563305
Stddev	.0013826	.0012243	.0000834
%RSD	17.71080	147.2145	.1480667

#1	.0063546	.0022311	.0562796
#2	.0091074	.0003049	.0562852
#3	.0079576	-.000041	.0564268

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.095	2422.639	59304.89	7368.967	3773.205
Stddev	5.148	16.035	43.09	16.146	20.995
%RSD	.2234444	.6618771	.0726539	.2191115	.5564286

#1	2298.559	2440.414	59319.06	7372.875	3796.945
#2	2304.987	2418.242	59339.11	7382.800	3765.592
#3	2308.738	2409.261	59256.50	7351.225	3757.079

Sample Name: J2917-02 Acquired: 5/25/2018 16:39:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066348	-.002893	.0058371	.0014947	.0008302	.0602259	.0322472
Stddev	.0037427	.001388	.0006959	.0005906	.0011137	.0126862	.0004304
%RSD	56.40998	47.96601	11.92246	39.51016	134.1527	21.06434	1.334772

#1	.0037316	-.004168	.0051940	.0021737	.0020098	.0658779	.0319496
#2	.0053139	-.003096	.0065760	.0011006	.0006839	.0456960	.0327407
#3	.0108588	-.001415	.0057413	.0012098	-.000203	.0691037	.0320512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000578	.0003086	84.70693	.0006289	-.000447	.0022554	.3499774
Stddev	.0000266	.0000478	.20884	.0003330	.000385	.0022821	.0192615
%RSD	45.95970	15.50171	.2465423	52.94983	86.06241	101.1844	5.503652

#1	.0000313	.0003120	84.49213	.0008611	-.000007	.0000398	.3295268
#2	.0000844	.0002592	84.90924	.0002474	-.000719	.0045987	.3526306
#3	.0000576	.0003547	84.71941	.0007782	-.000614	.0021278	.3677748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2801146	13.65253	.0035119	.0001877	2.329489	-.002981	.0834610
Stddev	.0008793	.00757	.0000147	.0002861	.167581	.002646	.0061408
%RSD	.3138902	.0554740	.4191004	152.4378	7.193884	88.77445	7.357679

#1	.2792520	13.64756	.0035270	-.000086	2.422271	-.002134	.0891566
#2	.2800823	13.64879	.0034976	.000164	2.136037	-.005946	.0769554
#3	.2810096	13.66125	.0035112	.000485	2.430159	-.000862	.0842709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.361610	.0007946	.0024250	-.000026	50.11676	7.994248	-.004409
Stddev	.064771	.0029859	.0010015	.000260	.60107	.025224	.000867
%RSD	4.756941	375.7638	41.29872	987.5143	1.199343	.3155230	19.67452

#1	1.287508	.0042365	.0014677	.000096	50.79809	7.992177	-.003530
#2	1.389884	-.000750	.0023417	-.000325	49.66150	7.970123	-.004433
#3	1.407436	-.001103	.0034655	.000150	49.89070	8.020443	-.005264

Sample Name: J2917-02 Acquired: 5/25/2018 16:39:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSF8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002160	.0024815	.1751350
Stddev	.001370	.0007414	.0006547
%RSD	63.43935	29.87828	.3738437

#1	-.002291	.0025821	.1745201
#2	-.000729	.0016949	.1758234
#3	-.003461	.0031675	.1750616

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2246.698	2328.832	58198.65	7299.189	3581.703
Stddev	36.734	19.151	1046.32	5.890	31.637
%RSD	1.635014	.8223421	1.797840	.0806950	.8832891

#1	2288.934	2307.053	59406.79	7305.908	3547.414
#2	2222.200	2336.405	57585.72	7296.744	3587.933
#3	2228.959	2343.039	57603.44	7294.915	3609.761

Sample Name: J2917-03 Acquired: 5/25/2018 16:44:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033995	-.002459	.0067612	.0013166	.0009482	.0706718	.0321874
Stddev	.0006127	.001813	.0012880	.0028824	.0016543	.0025151	.0004379
%RSD	18.02235	73.73087	19.05005	218.9199	174.4774	3.558817	1.360569

#1	.0031022	-.003721	.0080877	-.001041	-.000494	.0703577	.0324708
#2	.0029921	-.003274	.0066805	.000461	.000584	.0733291	.0316830
#3	.0041040	-.000381	.0055155	.004530	.002754	.0683285	.0324083

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000293	.0002948	83.88829	.0019654	-.000496	.0037501	.3533281
Stddev	.0000624	.0000664	.15657	.0003016	.000082	.0010469	.0073479
%RSD	212.9108	22.51281	.1866352	15.34425	16.45869	27.91604	2.079638

#1	.0000969	.0002932	84.01688	.0017235	-.000435	.0049534	.3450390
#2	.0000170	.0002292	83.71394	.0018694	-.000464	.0030486	.3590413
#3	-.000026	.0003620	83.93405	.0023033	-.000588	.0032483	.3559040

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2784886	13.59912	.0022684	.0003771	2.209221	-.003388	.0817083
Stddev	.0017442	.06576	.0003109	.0003110	.161518	.002005	.0041639
%RSD	.6263085	.4835874	13.70560	82.46881	7.311100	59.17446	5.096085

#1	.2779641	13.67497	.0022477	.0000836	2.150817	-.002154	.0864322
#2	.2770669	13.56437	.0019683	.0003446	2.391817	-.002308	.0785706
#3	.2804349	13.55802	.0025891	.0007030	2.085028	-.005701	.0801221

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.294393	-.000015	.0021449	.0000579	49.35630	7.908176	-.004161
Stddev	.116028	.001389	.0008372	.0000216	.74980	.082775	.001006
%RSD	8.963919	9544.354	39.03029	37.26576	1.519153	1.046701	24.18385

#1	1.192264	.000290	.0019936	.0000350	50.06853	8.003371	-.004268
#2	1.420556	-.001530	.0030474	.0000609	48.57388	7.868000	-.003105
#3	1.270360	.001197	.0013937	.0000778	49.42650	7.853156	-.005109

Sample Name: J2917-03 Acquired: 5/25/2018 16:44:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHSF9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002895	.0028516	.1738911
Stddev	.002248	.0005028	.0002304
%RSD	77.65870	17.63342	.1325284

#1	-.001296	.0028835	.1739179
#2	-.001924	.0033377	.1741069
#3	-.005466	.0023336	.1736483

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.807	2323.233	57692.46	7286.844	3573.204
Stddev	6.358	25.067	270.48	38.701	41.718
%RSD	.2868037	1.078973	.4688242	.5311094	1.167524

#1	2209.491	2298.747	57439.65	7242.675	3531.832
#2	2219.933	2348.843	57977.68	7303.047	3615.260
#3	2220.996	2322.111	57660.04	7314.810	3572.519

Sample Name: J2917-04 Acquired: 5/25/2018 16:48:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070720	-.002278	.0224980	.0002263	.0011392	.0705317	.0638313
Stddev	.0018843	.001116	.0018252	.0015492	.0019560	.0069235	.0040514
%RSD	26.64388	49.00072	8.112823	684.4313	171.6946	9.816143	6.347038

#1	.0058375	-.002066	.0213212	.0020019	.0031415	.0625475	.0618916
#2	.0061376	-.003485	.0246006	-.000473	-.000767	.0741702	.0684879
#3	.0092408	-.001283	.0215722	-.000850	.001043	.0748773	.0611145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000630	.0037466	55.43518	.0001787	.0019187	.0043895	1.730089
Stddev	.0000480	.0002383	3.64605	.0003167	.0001392	.0031872	.138911
%RSD	76.26933	6.360503	6.577140	177.1854	7.253214	72.60836	8.029131

#1	.0000749	.0036758	53.56481	.0001449	.0019007	.0080300	1.631470
#2	.0000101	.0040123	59.63685	.0005109	.0020660	.0021019	1.888952
#3	.0001039	.0035518	53.10387	-.000120	.0017894	.0030367	1.669845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6494902	10.09835	.0046561	.0002561	2.744362	-.001425	.4279186
Stddev	.0417012	.55577	.0000400	.0002554	.502000	.001801	.0508007
%RSD	6.420612	5.503616	.8601747	99.73302	18.29204	126.4274	11.87158

#1	.6279994	9.91038	.0046812	.0005222	2.357687	-.000141	.4184679
#2	.6975532	10.72373	.0046099	.0000130	3.311685	-.003484	.4827810
#3	.6229180	9.66093	.0046773	.0002330	2.563713	-.000649	.3825069

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9885776	.0302574	.0080647	-.000115	29.26656	6.409136	-.003315
Stddev	.1863189	.0007613	.0013146	.000205	1.26369	.457746	.000238
%RSD	18.84717	2.516218	16.30122	178.2013	4.317875	7.142081	7.185383

#1	.9033830	.0304978	.0068509	.000102	29.24465	6.252579	-.003053
#2	1.202263	.0294049	.0094611	-.000141	30.54106	6.924620	-.003519
#3	.860087	.0308695	.0078821	-.000305	28.01396	6.050210	-.003374

Sample Name: J2917-04 Acquired: 5/25/2018 16:48:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001690	.0006902	.1275483
Stddev	.000565	.0003466	.0079817
%RSD	33.42837	50.21769	6.257793

#1	-.001038	.0003501	.1231016
#2	-.002005	.0006774	.1367630
#3	-.002027	.0010430	.1227805

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2248.813	2354.337	58383.62	7100.975	3631.837
Stddev	216.816	80.037	5637.75	398.502	123.945
%RSD	9.641348	3.399542	9.656396	5.611938	3.412734

#1	2232.507	2355.415	57998.25	7285.636	3628.011
#2	2040.610	2273.767	52948.43	6643.639	3509.850
#3	2473.321	2433.829	64204.17	7373.651	3757.651

Sample Name: J2917-05 Acquired: 5/25/2018 16:52:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029172	-.001702	.0142847	-.000577	.0005688	.0131364	.0394329
Stddev	.0022395	.000538	.0005438	.000876	.0002821	.0031763	.0006767
%RSD	76.77011	31.63779	3.807180	151.8094	49.59676	24.17966	1.716109

#1	.0055032	-.001208	.0137991	-.000014	.0002538	.0097180	.0393788
#2	.0016324	-.002276	.0141826	-.000131	.0007981	.0136946	.0401351
#3	.0016160	-.001622	.0148723	-.001586	.0006546	.0159966	.0387849

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000745	.0012131	21.59867	.0005248	-.000520	.0006379	.3974116
Stddev	.0000933	.0000851	.07266	.0002880	.000079	.0041544	.0090262
%RSD	125.2670	7.012826	.3364299	54.87480	15.16834	651.2693	2.271256

#1	-.000028	.0011282	21.51891	.0008390	-.000431	.0038978	.4023068
#2	.000155	.0012983	21.66111	.0004621	-.000544	-.004040	.3869953
#3	.000096	.0012128	21.61599	.0002733	-.000583	.002056	.4029328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0741209	5.340620	.0037630	.0000102	3.777823	.0022665	.7459104
Stddev	.0009313	.030614	.0002503	.0002712	.167959	.0023718	.0095150
%RSD	1.256474	.5732327	6.651694	2654.496	4.445930	104.6448	1.275624

#1	.0733966	5.331495	.0040378	-.000282	3.694927	-.000014	.7455338
#2	.0751715	5.315606	.0035481	.000253	3.667427	.002094	.7365892
#3	.0737946	5.374759	.0037030	.000059	3.971115	.004720	.7556080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.209829	.0174906	.0143641	-.000042	12.81230	7.572787	-.003149
Stddev	.016222	.0020313	.0007525	.000137	.34505	.012259	.000123
%RSD	7.731000	11.61335	5.238694	326.0109	2.693113	.1618874	3.890875

#1	-.220031	.0197313	.0145224	.000002	12.66600	7.565693	-.003158
#2	-.191123	.0169706	.0150250	.000068	13.20639	7.586943	-.003267
#3	-.218333	.0157700	.0135451	-.000196	12.56450	7.565726	-.003023

Sample Name: J2917-05 Acquired: 5/25/2018 16:52:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHSG1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000332	.0019031	.0784264
Stddev	.000320	.0001935	.0001353
%RSD	96.22583	10.16505	.1724490

#1	-.000166	.0019625	.0784621
#2	-.000701	.0020599	.0782769
#3	-.000130	.0016869	.0785403

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2266.586	2374.381	58467.17	7405.342	3685.451
Stddev	14.753	48.526	395.57	24.574	85.966
%RSD	.6509035	2.043751	.6765617	.3318388	2.332568

#1	2283.320	2393.353	58809.08	7433.550	3718.564
#2	2255.455	2319.234	58033.93	7393.900	3587.853
#3	2260.982	2410.555	58558.51	7388.575	3749.936

Sample Name: J2917-06 Acquired: 5/25/2018 16:56:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009588	-.001623	.0141100	.0019225	.0005073	.0215034	.0389963
Stddev	.0025901	.001780	.0025458	.0013341	.0008741	.0056718	.0005198
%RSD	270.1400	109.6505	18.04232	69.39267	172.3248	26.37652	1.332870

#1	-.001667	-.001890	.0170476	.0004199	.0013434	.0153268	.0393343
#2	.001032	.000275	.0127348	.0023796	.0005788	.0227054	.0392568
#3	.003511	-.003255	.0125476	.0029679	-.000400	.0264778	.0383978

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000352	.0011216	21.59250	.0003062	-.000621	.0011956	.4140703
Stddev	.0000267	.0000142	.13122	.0002960	.000326	.0004001	.0130264
%RSD	75.81823	1.269777	.6077037	96.65302	52.41791	33.46772	3.145941

#1	.0000297	.0011067	21.69113	.0005873	-.000497	.0015783	.4117647
#2	.0000642	.0011229	21.64280	-.000003	-.000376	.0012285	.4023507
#3	.0000117	.0011351	21.44357	.000334	-.000991	.0007800	.4280956

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0728174	5.368291	.0041451	.0001293	3.767575	.0006285	.7592613
Stddev	.0010442	.090663	.0001171	.0003079	.118138	.0044856	.0120567
%RSD	1.433982	1.688868	2.826126	238.2362	3.135649	713.6848	1.587947

#1	.0740179	5.447502	.0040129	.0001819	3.873570	.0028040	.7731575
#2	.0723136	5.269406	.0041862	.0004075	3.640211	-.004530	.7515823
#3	.0721206	5.387965	.0042361	-.000202	3.788942	.003612	.7530441

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.213895	.0146547	.0142897	-.000141	12.79188	7.591449	-.002577
Stddev	.029400	.0010189	.0010588	.000036	.03910	.108829	.000798
%RSD	13.74488	6.952463	7.409512	25.41796	.3056370	1.433568	30.96250

#1	-.181327	.0156836	.0155099	-.000109	12.74726	7.644122	-.002007
#2	-.221881	.0136462	.0136133	-.000134	12.80824	7.663918	-.002234
#3	-.238476	.0146344	.0137459	-.000180	12.82015	7.466305	-.003488

Sample Name: J2917-06 Acquired: 5/25/2018 16:56:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000787	.0020982	.0787068
Stddev	.000316	.0002813	.0007202
%RSD	40.22995	13.40655	.9151003

#1	-.000624	.0018173	.0794733
#2	-.001151	.0023799	.0786031
#3	-.000584	.0020974	.0780441

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.379	2378.967	58446.42	7353.275	3693.929
Stddev	6.122	12.672	77.33	85.948	15.632
%RSD	.2708291	.5326762	.1323029	1.168843	.4231907

#1	2254.739	2381.344	58480.75	7287.600	3705.716
#2	2259.510	2390.282	58357.88	7321.675	3699.875
#3	2266.889	2365.275	58500.65	7450.550	3676.197

Sample Name: J2917-07 Acquired: 5/25/2018 17:00:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0377874	.0475231	.0348591	.0112207	.0986667	1.888414	2.093223
Stddev	.0027642	.0016720	.0011461	.0004297	.0014025	.012004	.003070
%RSD	7.315166	3.518344	3.287718	3.829093	1.421446	.6356485	.1466778

#1	.0365163	.0479691	.0359766	.0117141	.0996799	1.889474	2.095606
#2	.0409586	.0489270	.0349142	.0109291	.0970660	1.899852	2.094304
#3	.0358875	.0456734	.0336865	.0110189	.0992542	1.875916	2.089758

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532960	.0513230	21.78127	.2133878	.4901069	.2589055	1.480311
Stddev	.0001082	.0000735	.06101	.0010876	.0015926	.0011692	.018672
%RSD	.2030199	.1432938	.2801165	.5096899	.3249395	.4516105	1.261380

#1	.0531742	.0513957	21.75829	.2128699	.4915934	.2601232	1.469381
#2	.0533329	.0513248	21.73508	.2126560	.4903013	.2588016	1.501871
#3	.0533809	.0512486	21.85043	.2146376	.4884261	.2577916	1.469680

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6016019	5.420607	.5144464	.0440621	3.814138	.5262415	1.271125
Stddev	.0020556	.096813	.0006475	.0001248	.199446	.0068547	.020137
%RSD	.3416841	1.786020	.1258540	.2832404	5.229121	1.302583	1.584215

#1	.6018877	5.449810	.5141506	.0439697	3.996428	.5329295	1.279750
#2	.5994184	5.499457	.5151889	.0442041	3.601106	.5265637	1.285513
#3	.6034997	5.312554	.5139997	.0440125	3.844878	.5192314	1.248111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.193664	.0724227	.0151769	.0000646	12.90931	7.637745	-.002867
Stddev	.035332	.0045039	.0002778	.0000338	.03457	.028471	.000295
%RSD	18.24408	6.218952	1.830577	52.34176	.2677623	.3727730	10.27431

#1	-.226577	.0699490	.0149593	.0000884	12.89558	7.658543	-.002568
#2	-.156329	.0776214	.0150816	.0000259	12.94863	7.649397	-.003157
#3	-.198087	.0696977	.0154899	.0000795	12.88372	7.605296	-.002876

Sample Name: J2917-07 Acquired: 5/25/2018 17:00:26 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHSG1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002962	.0025420	.0795357
Stddev	.001723	.0006353	.0003760
%RSD	58.17015	24.99152	.4726881

#1	-.004693	.0032736	.0794255
#2	-.001248	.0021287	.0799544
#3	-.002944	.0022239	.0792272

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2248.687	2377.436	58357.49	7383.865	3680.148
Stddev	4.562	5.240	198.94	21.618	12.413
%RSD	.2028954	.2204104	.3408994	.2927787	.3372830

#1	2252.394	2372.461	58552.90	7391.972	3670.932
#2	2243.592	2376.941	58155.20	7359.366	3675.250
#3	2250.075	2382.906	58364.39	7400.259	3694.263

Sample Name: J2917-05LX5 Acquired: 5/25/2018 17:04:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013143	-.004183	.0025755	.0035527	-.000090	.0055652	.0070725
Stddev	.0021476	.001755	.0009624	.0010674	.000304	.0063765	.0003482
%RSD	163.4013	41.95720	37.36841	30.04506	338.4402	114.5792	4.923938

#1	.0016931	-.002560	.0031222	.0026879	.000257	.0067911	.0074511
#2	-.000997	-.003944	.0031401	.0032247	-.000215	-.001335	.0067658
#3	.003247	-.006046	.0014642	.0047457	-.000312	.011240	.0070005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000466	.0001700	4.316363	.0000600	-.000236	-.001127	.0829966
Stddev	.0000589	.0000365	.083180	.0001929	.000123	.002070	.0059535
%RSD	126.5095	21.48420	1.927086	321.6003	52.08396	183.7103	7.173195

#1	-.000019	.0002122	4.349993	.0002826	-.000180	-.001635	.0805045
#2	.000094	.0001471	4.221634	-.000058	-.000376	-.002896	.0897913
#3	.000065	.0001509	4.377463	-.000045	-.000150	.001150	.0786942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145227	1.060375	.0009794	.0001292	.5927114	-.003295	.1531171
Stddev	.0008132	.032997	.0001969	.0000841	.0552154	.002373	.0077630
%RSD	5.599781	3.111851	20.10072	65.13417	9.315724	72.00563	5.069974

#1	.0154616	1.093712	.0011617	.0000545	.6546808	-.002457	.1456442
#2	.0140385	1.027728	.0010058	.0001127	.5487430	-.001456	.1611408
#3	.0140680	1.059685	.0007706	.0002203	.5747104	-.005973	.1525664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.152423	.0005585	.0014084	-.000102	2.584098	1.518391	-.001560
Stddev	.066455	.0018604	.0009086	.000199	.030100	.023147	.000533
%RSD	43.59906	333.0841	64.51067	195.4248	1.164834	1.524418	34.13452

#1	-.144384	.0010569	.0009184	.000123	2.589036	1.527042	-.001252
#2	-.222532	.0021190	.0024567	-.000172	2.551835	1.492164	-.001254
#3	-.090353	-.001500	.0008500	-.000257	2.611425	1.535965	-.002175

Sample Name: J2917-05LX5 Acquired: 5/25/2018 17:04:27 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001633	-.000432	.0158849
Stddev	.001100	.000744	.0002245
%RSD	67.35290	172.0551	1.413182

#1	-.001453	-.000941	.0159028
#2	-.000634	.000421	.0156520
#3	-.002811	-.000778	.0160999

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.684	2267.791	57599.77	7164.392	3526.933
Stddev	46.741	27.395	1145.84	99.239	48.948
%RSD	2.117216	1.208024	1.989314	1.385163	1.387844

#1	2261.656	2257.571	58922.84	7112.375	3510.066
#2	2180.467	2298.827	56930.02	7278.825	3582.084
#3	2180.930	2246.974	56946.46	7101.975	3488.648

Sample Name: J2917-08 Acquired: 5/25/2018 17:08:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002288	-.001135	-.001651	.0004847	.0006380	-.001691	.0010833
Stddev	.0024019	.000820	.000919	.0034129	.0008923	.002763	.0003368
%RSD	1049.768	72.23632	55.67426	704.1785	139.8613	163.3620	31.09504

#1	.0026884	-.001122	-.001761	-.003193	.0009420	-.004812	.0008516
#2	-.002111	-.000322	-.000682	.003549	-.000367	.000446	.0009285
#3	.000109	-.001961	-.002511	.001098	.001339	-.000709	.0014696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000663	-.000072	.0060756	.0001204	.0000026	.0004126	.0041261
Stddev	.0000479	.000085	.0098177	.0003155	.0001757	.0017561	.0129787
%RSD	72.20524	118.7553	161.5918	261.9164	6752.499	425.5594	314.5510

#1	.0001008	-.000066	.0126223	.0001581	-.000172	.0014936	-.001429
#2	.0000864	-.000160	-.005213	-.000212	.000179	.0013580	-.005151
#3	.0000117	.000010	.010818	.000415	.000000	-.001614	.018958

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006064	-.026149	.0006868	-.000202	-.023230	-.002596	.0061289
Stddev	.0007014	.038522	.0003382	.000100	.217826	.001944	.0019749
%RSD	115.6757	147.3199	49.24752	49.39485	937.7046	74.90013	32.22291

#1	-.000156	-.044826	.0003246	-.000221	.226672	-.001381	.0083162
#2	.000750	-.051771	.0009944	-.000291	-.123481	-.001568	.0044765
#3	.001225	.018152	.0007412	-.000094	-.172881	-.004838	.0055940

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.92771	-.003222	-.002798	-.000177	-.014031	-.001682	-.002022
Stddev	.01777	.001215	.000519	.000053	.001188	.000889	.000115
%RSD	.9219176	37.70544	18.56553	29.96576	8.465180	52.83661	5.697240

#1	-1.93724	-.001856	-.003264	-.000118	-.015158	-.000773	-.002152
#2	-1.93869	-.004181	-.002893	-.000220	-.012791	-.002549	-.001979
#3	-1.90721	-.003629	-.002238	-.000194	-.014145	-.001723	-.001934

Sample Name: J2917-08 Acquired: 5/25/2018 17:08:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000368	-.002536	.0000014
Stddev	.000589	.000859	.0000136
%RSD	160.1994	33.87853	965.6163

#1	-.000475	-.002459	-.000010
#2	-.000896	-.001718	-.000003
#3	.000268	-.003431	.000017

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2304.371	2415.713	59441.33	7330.133	3748.822
Stddev	8.978	8.153	196.30	19.141	13.739
%RSD	.3896093	.3375002	.3302411	.2611249	.3664788

#1	2299.570	2410.186	59244.95	7346.125	3742.094
#2	2298.815	2425.077	59637.55	7308.925	3764.628
#3	2314.729	2411.877	59441.47	7335.350	3739.743

Sample Name: J2917-09 Acquired: 5/25/2018 17:12:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001245	-.002435	-.000373	.0022148	.0008419	.0026958	.0001920
Stddev	.0016758	.000271	.002601	.0021832	.0004582	.0066913	.0006794
%RSD	1346.423	11.13314	697.1486	98.56991	54.41911	248.2154	353.8288

#1	.0005605	-.002389	-.002316	.0010918	.0004957	.0034448	.0000058
#2	.0015392	-.002190	.002582	.0008218	.0006686	-.004339	-.000375
#3	-.001726	-.002726	-.001386	.0047309	.0013614	.008981	.000945

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000273	-.000105	.0480706	.0001806	.0000159	.0019683	.0054582
Stddev	.0000701	.000028	.0199062	.0001973	.0002991	.0042039	.0125801
%RSD	256.4067	27.07132	41.41031	109.2556	1879.307	213.5802	230.4809

#1	.0000344	-.000135	.0631589	.0003520	-.000137	.0008437	.0198771
#2	-.000046	-.000101	.0555435	.0002248	-.000176	.0066201	-.003278
#3	.000094	-.000078	.0255094	-.000035	.000361	-.001559	-.000225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000146	-.017447	.0007080	.0001507	-.063371	-.001811	.0043755
Stddev	.000482	.044038	.0000889	.0004317	.135196	.003177	.0026418
%RSD	328.9346	252.4146	12.55523	286.4194	213.3397	175.4663	60.37731

#1	-.000661	-.025147	.0007758	.0006483	.046123	-.005478	.0073722
#2	-.000071	-.057127	.0007408	-.000071	-.021754	.000109	.0023832
#3	.000293	.029934	.0006073	-.000125	-.214483	-.000063	.0033711

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.87166	-.000913	-.002957	-.000085	-.012089	-.001815	-.001202
Stddev	.02654	.002646	.000592	.000271	.001462	.001245	.000398
%RSD	1.418177	289.6781	20.00925	318.1053	12.09401	68.63374	33.12434

#1	-1.85480	-.002270	-.002310	-.000386	-.010934	-.003052	-.001283
#2	-1.90225	-.002605	-.003089	-.000010	-.013733	-.000562	-.000770
#3	-1.85792	.002135	-.003471	.000141	-.011600	-.001830	-.001554

Sample Name: J2917-09 Acquired: 5/25/2018 17:12:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHSG3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001238	-.003264	.0000256
Stddev	.001343	.000452	.0000260
%RSD	108.5091	13.85045	101.6095

#1	-.000262	-.002789	-.000004
#2	-.002770	-.003316	.000040
#3	-.000682	-.003689	.000041

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2269.826	2400.840	58720.85	7308.383	3729.202
Stddev	19.223	36.262	558.65	20.741	61.066
%RSD	.8468791	1.510407	.9513672	.2837911	1.637506

#1	2282.416	2439.161	58815.28	7330.375	3796.025
#2	2279.363	2396.296	59226.26	7289.175	3715.283
#3	2247.700	2367.064	58121.00	7305.600	3676.296

Sample Name: J2917-10 Acquired: 5/25/2018 17:16:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063129	.0003020	.0054897	.0007946	.0002992	.0155063	.0571803
Stddev	.0023994	.0009497	.0014430	.0008251	.0006651	.0021760	.0009337
%RSD	38.00735	314.4946	26.28574	103.8353	222.2664	14.03309	1.632893

#1	.0080779	.0012198	.0038945	.0008573	-.000362	.0174071	.0566599
#2	.0035809	.0003627	.0058705	.0015865	.000969	.0131328	.0566228
#3	.0072797	-.000677	.0067041	-.000060	.000291	.0159791	.0582582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000531	-.000010	28.21163	-.001406	.0032054	.0004464	3.635858
Stddev	.0000971	.000029	.44844	.000244	.0001384	.0019770	.085102
%RSD	182.8767	289.7527	1.589551	17.36069	4.316200	442.8645	2.340643

#1	.0000432	.000002	27.95825	-.001155	.0031363	.0005064	3.604767
#2	.0001547	-.000042	27.94724	-.001420	.0031153	.0023927	3.570673
#3	-.000039	.000011	28.72941	-.001643	.0033647	-.001560	3.732134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.071646	13.14903	.0070756	-.000035	4.479185	-.001254	2.072338
Stddev	.023575	.28470	.0003215	.000111	.109955	.001536	.031494
%RSD	1.137967	2.165153	4.544306	319.5968	2.454795	122.5285	1.519721

#1	2.051974	12.98887	.0067589	.000075	4.356538	-.001058	2.036746
#2	2.065186	12.98048	.0074018	-.000146	4.568940	.000175	2.096594
#3	2.097777	13.47773	.0070659	-.000033	4.512078	-.002879	2.083676

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.036075	.0613988	.0157031	-.000154	20.32550	9.019387	-.003174
Stddev	.075523	.0026069	.0008657	.000068	.40122	.137486	.000514
%RSD	209.3487	4.245790	5.512581	44.06114	1.973962	1.524338	16.21124

#1	-.049939	.0583898	.0154678	-.000134	19.89956	8.919615	-.002951
#2	-.103706	.0629753	.0149795	-.000229	20.69629	8.962332	-.002808
#3	.045419	.0628312	.0166621	-.000098	20.38066	9.176215	-.003762

Sample Name: J2917-10 Acquired: 5/25/2018 17:16:52 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHSG9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001183	.0026091	.0819285
Stddev	.001535	.0011943	.0011992
%RSD	129.7384	45.77462	1.463726

#1	-.001508	.0013324	.0812015
#2	-.002530	.0036990	.0812714
#3	.000488	.0027961	.0833126

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.105	2353.218	57873.99	7224.492	3640.011
Stddev	20.905	40.173	287.87	96.070	56.139
%RSD	.9332145	1.707159	.4974061	1.329787	1.542281

#1	2264.069	2393.747	58171.68	7262.675	3697.667
#2	2225.614	2313.411	57597.07	7295.600	3585.523
#3	2230.631	2352.494	57853.21	7115.200	3636.842

Sample Name: J2917-11 Acquired: 5/25/2018 17:20:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211163	.0023526	.0043804	.0014280	-.000233	.0110981	.0392542
Stddev	.0037375	.0019121	.0027520	.0032067	.002606	.0086234	.0005740
%RSD	17.69974	81.27600	62.82479	224.5545	1118.981	77.70152	1.462405

#1	.0243013	.0008343	.0038749	.0013634	-.003079	.0015049	.0396123
#2	.0220461	.0045000	.0073500	-.001746	.002036	.0135836	.0385921
#3	.0170017	.0017236	.0019162	.004667	.000344	.0182058	.0395581

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000584	-.000114	30.72917	-.005578	.0073857	-.000453	20.69005
Stddev	.0000446	.000053	.16996	.000237	.0000856	.003630	.06926
%RSD	76.49384	46.33580	.5530815	4.257490	1.158542	800.8166	.3347359

#1	.0000825	-.000110	30.91516	-.005813	.0073853	-.001683	20.61017
#2	.0000068	-.000064	30.69039	-.005583	.0073003	-.003308	20.72672
#3	.0000858	-.000170	30.58195	-.005338	.0074714	.003632	20.73326

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.347206	18.57206	.0031689	-.000557	6.662968	.0003049	8.089482
Stddev	.034028	.12515	.0002068	.000376	.018521	.0009341	.158301
%RSD	.5361141	.6738707	6.526265	67.56067	.2779735	306.3306	1.956872

#1	6.384077	18.50866	.0033831	-.000164	6.645072	-.000000	7.924758
#2	6.340532	18.71623	.0029704	-.000914	6.682057	-.000438	8.240464
#3	6.317009	18.49130	.0031530	-.000594	6.661775	.001353	8.103225

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.081786	.0741587	.0342447	.0001066	22.93982	11.79855	.0004502
Stddev	.040138	.0010374	.0009007	.0000513	.16369	.05183	.0007010
%RSD	49.07729	1.398844	2.630295	48.17770	.7135736	.4392585	155.6991

#1	-.114475	.0748830	.0332067	.0001655	22.77344	11.85834	.0004953
#2	-.093895	.0746228	.0347076	.0000825	22.94532	11.77086	.0011276
#3	-.036987	.0729703	.0348200	.0000717	23.10069	11.76645	-.000272

Sample Name: J2917-11 Acquired: 5/25/2018 17:20:57 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSH0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002298	.0056518	.1472631
Stddev	.001115	.0010589	.0002405
%RSD	48.50774	18.73626	.1633238

#1	-.003325	.0054795	.1473774
#2	-.002457	.0046896	.1469868
#3	-.001112	.0067863	.1474252

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2228.883	2336.701	57992.07	7310.233	3588.800
Stddev	16.005	15.074	205.80	14.893	23.197
%RSD	.7180600	.6450813	.3548749	.2037316	.6463653

#1	2244.189	2351.318	58159.27	7320.300	3613.144
#2	2212.261	2337.575	57762.23	7293.125	3586.305
#3	2230.200	2321.209	58054.72	7317.275	3566.952

Sample Name: J2917-12 Acquired: 5/25/2018 17:25:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172884	.0005237	.0071159	.0003104	.0012970	.0353701	.0447558
Stddev	.0033814	.0013288	.0005024	.0013616	.0004386	.0067691	.0002351
%RSD	19.55902	253.7601	7.060489	438.6444	33.81505	19.13785	.5252582

#1	.0139126	.0020135	.0071874	.0016783	.0013529	.0407349	.0447955
#2	.0172771	-.000539	.0065816	.0002976	.0008332	.0277648	.0449685
#3	.0206755	.000097	.0075788	-.001045	.0017050	.0376105	.0445034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000894	-.000147	57.14107	-.002511	.0077790	-.002606	9.912953
Stddev	.0000947	.000044	.12756	.000065	.0004437	.001295	.049232
%RSD	105.9797	29.82785	.2232343	2.575390	5.703342	49.71114	.4966418

#1	.0001957	-.000197	57.00972	-.002439	.0073623	-.003400	9.856592
#2	.0000583	-.000130	57.14902	-.002532	.0077293	-.001111	9.947564
#3	.0000141	-.000114	57.26446	-.002563	.0082454	-.003307	9.934702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.589695	19.36955	.0094901	-.000525	20.86805	-.002818	9.722761
Stddev	.009521	.12155	.0003697	.000118	.14668	.002774	.107854
%RSD	.2652314	.6275401	3.895156	22.54707	.7029100	98.44769	1.109289

#1	3.598848	19.23949	.0093031	-.000453	20.89795	-.001031	9.626753
#2	3.579845	19.38890	.0092514	-.000662	20.99749	-.006013	9.839462
#3	3.590393	19.48027	.0099159	-.000461	20.70873	-.001408	9.702068

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9867564	.0785581	.0211380	.0000893	53.83083	7.818792	-.002835
Stddev	.0243672	.0026435	.0002926	.0001676	.22855	.034034	.000334
%RSD	2.469424	3.365015	1.384054	187.5886	.4245723	.4352828	11.77796

#1	.9599795	.0813751	.0211389	.0002735	53.91793	7.819211	-.003076
#2	.9926607	.0761315	.0208450	-.000054	54.00302	7.784551	-.002976
#3	1.007629	.0781677	.0214301	.000048	53.57153	7.852615	-.002454

Sample Name: J2917-12 Acquired: 5/25/2018 17:25:01 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MJHSH1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001485	.0058235	.1497238
Stddev	.000573	.0008038	.0004346
%RSD	38.58212	13.80293	.2902800

#1	-.000923	.0049301	.1492389
#2	-.002068	.0064883	.1498543
#3	-.001462	.0060521	.1500783

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.512	2325.884	57598.23	7255.171	3551.667
Stddev	22.329	7.464	578.64	34.954	14.428
%RSD	1.004214	.3209111	1.004620	.4817774	.4062182

#1	2247.876	2325.257	58264.82	7270.517	3555.098
#2	2204.024	2318.753	57304.61	7279.827	3535.833
#3	2218.638	2333.641	57225.26	7215.170	3564.070

Sample Name: J2917-13 Acquired: 5/25/2018 17:29:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001435	-.002109	.0029463	.0008548	.0004127	.0155277	.0364892
Stddev	.002168	.004654	.0009369	.0016887	.0013696	.0086352	.0003253
%RSD	151.0425	220.7180	31.80094	197.5546	331.8859	55.61145	.8915583

#1	.001018	-.005730	.0023099	.0019928	.0017639	.0062176	.0368372
#2	-.002229	.003140	.0040222	-.001086	.0004487	.0232743	.0364375
#3	-.003095	-.003736	.0025067	.001657	-.000975	.0170913	.0361927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000532	.0145636	39.60143	-.000828	.0006024	-.000061	.0180118
Stddev	.0000858	.0003056	.50701	.000408	.0001075	.001554	.0120078
%RSD	161.2604	2.098314	1.280293	49.22435	17.84909	2541.370	66.66655

#1	.0001135	.0149080	40.18527	-.000546	.0007213	.000005	.0315826
#2	-.000045	.0143248	39.34713	-.000643	.0005739	-.001647	.0087639
#3	.000091	.0144580	39.27190	-.001295	.0005120	.001459	.0136889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.889944	11.18243	.0032954	-.000044	4.374877	-.000649	2.418938
Stddev	.026102	.05162	.0001976	.000483	.038011	.003271	.031672
%RSD	1.381079	.4616547	5.994647	1103.229	.8688425	504.2706	1.309351

#1	1.920058	11.23207	.0033446	-.000444	4.354372	-.003107	2.453321
#2	1.873797	11.12902	.0030780	-.000181	4.351521	.003064	2.390953
#3	1.875979	11.18620	.0034638	.000493	4.418737	-.001904	2.412541

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.235843	.0070654	.0119047	-.000155	30.66674	6.048405	-.003627
Stddev	.110993	.0016999	.0023272	.000201	.48687	.047967	.000862
%RSD	8.981160	24.05955	19.54832	129.2952	1.587618	.7930446	23.77944

#1	1.342643	.0075957	.0145810	-.000087	31.19848	6.097609	-.003380
#2	1.121085	.0051636	.0107766	.000002	30.24281	6.001780	-.004586
#3	1.243802	.0084370	.0103566	-.000381	30.55892	6.045825	-.002915

Sample Name: J2917-13 Acquired: 5/25/2018 17:29:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002204	.0011554	.0987903
Stddev	.001260	.0009474	.0013052
%RSD	57.15407	81.99922	1.321143

#1	-.003594	.0006582	.1002908
#2	-.001880	.0005601	.0981620
#3	-.001138	.0022479	.0979182

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.394	2324.044	58628.13	7183.779	3597.993
Stddev	26.535	28.125	633.00	58.244	45.027
%RSD	1.178609	1.210176	1.079694	.8107652	1.251442

#1	2241.403	2295.597	58722.49	7118.949	3554.645
#2	2281.475	2351.836	59208.67	7200.699	3644.529
#3	2231.305	2324.699	57953.25	7231.690	3594.807

Sample Name: J2917-14 Acquired: 5/25/2018 17:33:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168183	-.001530	.0203298	.0030140	.0023462	.1086101	.0558133
Stddev	.0009254	.001558	.0010777	.0023427	.0015858	.0083277	.0004834
%RSD	5.502590	101.7987	5.301119	77.72833	67.58891	7.667554	.8660799

#1	.0162149	-.002728	.0198038	.0022416	.0028357	.1182026	.0563706
#2	.0163563	.000231	.0196161	.0011550	.0005734	.1032313	.0555071
#3	.0178838	-.002094	.0215695	.0056454	.0036295	.1043965	.0555623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002330	-.000218	54.52760	-.003204	.0026917	-.002257	25.84337
Stddev	.0000827	.000028	.69373	.000630	.0000415	.002083	.29600
%RSD	35.49332	12.93090	1.272246	19.66683	1.540623	92.26854	1.145372

#1	.0002920	-.000249	55.32864	-.003852	.0027249	-.000790	26.12751
#2	.0001385	-.000194	54.12794	-.003168	.0026452	-.004641	25.53678
#3	.0002686	-.000212	54.12622	-.002593	.0027051	-.001340	25.86581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.689029	16.44514	.0004285	-.000893	8.109258	-.004159	.1104607
Stddev	.025405	.28916	.0001486	.000145	.040451	.006441	.0013006
%RSD	1.504146	1.758316	34.67803	16.25181	.4988271	154.8705	1.177464

#1	1.717994	16.77221	.0005246	-.000922	8.145523	-.002489	.1094872
#2	1.670521	16.22345	.0005037	-.001022	8.116619	-.011270	.1119378
#3	1.678573	16.33978	.0002573	-.000736	8.065631	.001283	.1099570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8968674	.1401224	.0359418	.0002808	35.46178	12.25245	-.002490
Stddev	.0199181	.0008985	.0002822	.0000474	.17853	.17162	.000888
%RSD	2.220849	.6412205	.7851697	16.89261	.5034361	1.400722	35.66443

#1	.9177067	.1391391	.0357016	.0003355	35.28103	12.45050	-.001577
#2	.8780202	.1409007	.0358713	.0002540	35.46631	12.14725	-.002541
#3	.8948753	.1403273	.0362526	.0002528	35.63800	12.15961	-.003351

Sample Name: J2917-14 Acquired: 5/25/2018 17:33:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MJHSH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0014826	-.000283	.1272948
Stddev	.0005383	.001472	.0012985
%RSD	36.30759	520.5528	1.020091

#1	.0019406	-.001052	.1287818
#2	.0008897	-.001212	.1263843
#3	.0016174	.001415	.1267184

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.427	2317.962	57157.48	7220.447	3553.357
Stddev	3.300	4.927	21.38	76.080	9.129
%RSD	.1496777	.2125517	.0374050	1.053673	.2569233

#1	2203.853	2323.490	57150.71	7132.783	3563.162
#2	2201.453	2316.364	57140.30	7259.339	3551.807
#3	2207.976	2314.033	57181.42	7269.219	3545.102

Sample Name: J2989-07DL2X6 Acquired: 5/25/2018 17:53:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AC1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368701	.0040490	4.696908	.0272490	.0318565	38.55191
Stddev	.0113527	.0026629	.030489	.0036767	.0013857	1.19385
%RSD	30.79109	65.76569	.6491308	13.49315	4.349944	3.096732

#1	.0499779	.0053808	4.670992	.0253332	.0319418	37.58315
#2	.0304667	.0009830	4.689229	.0314880	.0331976	39.88564
#3	.0301657	.0057831	4.730502	.0249258	.0304301	38.18693

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.420795	.0047815	.0431981	61.44201	.5619312	.0824774
Stddev	.117666	.0001835	.0006678	1.59647	.0004527	.0001698
%RSD	2.661642	3.837364	1.545967	2.598337	.0805543	.2058779

#1	4.347223	.0046483	.0434283	60.41997	.5620833	.0826629
#2	4.556503	.0049908	.0424456	63.28167	.5622882	.0823296
#3	4.358658	.0047053	.0437203	60.62438	.5614220	.0824397

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.242612	428.1826	F 30.30554	15.65655	.5513356	.0013264
Stddev	.152543	16.1139	.84276	.65623	.0032312	.0018989
%RSD	2.909667	3.763328	2.780883	4.191403	.5860694	143.1688

#1	5.127547	413.1449	29.75583	15.09224	.5501779	-.000382
#2	5.415640	445.1914	31.27581	16.37666	.5488427	.003371
#3	5.184648	426.2116	29.88498	15.50076	.5549862	.000991

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.877315	.1011321	4.950926	1.084819	1.651652	.4910322
Stddev	.190656	.0041692	.047797	.043867	.017741	.0231242
%RSD	10.15577	4.122572	.9654154	4.043684	1.074164	4.709313

#1	1.743663	.0978211	4.897241	1.063894	1.639281	.4688143
#2	2.095642	.1058142	4.988860	1.135230	1.671979	.5149671
#3	1.792640	.0997608	4.966676	1.055332	1.643695	.4893152

Sample Name: J2989-07DL2X6 Acquired: 5/25/2018 17:53:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0581634	2.442376	2.522670	.5644686	1.062519	.0376503
Stddev	.0003941	.015753	.081026	.0042190	.032827	.0002892
%RSD	.6775685	.6449856	3.211907	.7474264	3.089537	.7680121

#1	.0578923	2.424662	2.461009	.5651587	1.035723	.0376043
#2	.0579825	2.454813	2.614440	.5599471	1.099135	.0379597
#3	.0586155	2.447653	2.492561	.5683000	1.052698	.0373869

Elem	Sr4077
Units	ppm
Avg	.2528677
Stddev	.0071648
%RSD	2.833409

#1	.2477180
#2	.2610501
#3	.2498351

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.713	2259.745	56458.51	7107.190	3259.612
Stddev	17.516	2.735	208.06	184.632	7.979
%RSD	.8132888	.1210179	.3685214	2.597823	.2447898

#1	2133.775	2259.614	56227.23	7240.515	3264.277
#2	2160.739	2262.543	56517.83	6896.454	3264.161
#3	2166.625	2257.079	56630.46	7184.602	3250.399

Sample Name: J3034-07A Acquired: 5/25/2018 17:57:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9M4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096032	-.008993	.2241276	.0647951	.0024082	17.65244	.7615449
Stddev	.0037739	.002336	.0034772	.0026030	.0018683	.61043	.0276804
%RSD	39.29856	25.98045	1.551451	4.017334	77.57978	3.458065	3.634766

#1	.0116705	-.007169	.2230019	.0656439	.0040368	17.54800	.7591746
#2	.0052473	-.011626	.2280283	.0668678	.0028190	18.30836	.7903342
#3	.0118918	-.008183	.2213527	.0618736	.0003687	17.10097	.7351259

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052369	.0016449	351.6507	.2024351	.0774048	.1421486	95.60826
Stddev	.0000859	.0000213	12.6208	.0011513	.0010084	.0039820	3.30722
%RSD	1.639448	1.296789	3.589013	.5687263	1.302801	2.801313	3.459138

#1	.0052284	.0016654	350.9823	.2037375	.0763503	.1432816	94.66701
#2	.0053266	.0016228	364.5924	.2015531	.0783598	.1454414	99.28408
#3	.0051556	.0016466	339.3774	.2020148	.0775043	.1377229	92.87370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.018026	69.92081	.1726162	-.002703	8.426270	.1416157	1.709528
Stddev	.140621	2.09539	.0018805	.000582	.364389	.0068183	.027212
%RSD	3.499754	2.996798	1.089381	21.54589	4.324437	4.814643	1.591800

#1	4.002811	69.19794	.1717497	-.003347	8.139099	.1401812	1.698953
#2	4.165636	72.28192	.1747737	-.002213	8.836180	.1490371	1.740441
#3	3.885632	68.28255	.1713253	-.002550	8.303530	.1356287	1.689191

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.396025	1.570025	.1389662	.0079600	12.47594	28.32205	-.006584
Stddev	.154797	.020318	.0048748	.0003607	.14664	.75375	.000810
%RSD	6.460571	1.294107	3.507874	4.531484	1.175364	2.661363	12.29678

#1	2.345159	1.552086	.1396689	.0080059	12.37720	28.13834	-.007494
#2	2.569855	1.592088	.1434515	.0082955	12.64444	29.15068	-.006314
#3	2.273061	1.565900	.1337782	.0075785	12.40619	27.67714	-.005944

Sample Name: J3034-07A Acquired: 5/25/2018 17:57:19 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9M4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2193983	.0236518	1.222718
Stddev	.0046236	.0002540	.040557
%RSD	2.107401	1.073988	3.316990

#1	.2209436	.0233593	1.216559
#2	.2230513	.0238162	1.266002
#3	.2141999	.0237800	1.185592

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2313.745	2411.392	59877.11	7664.895	3224.125
Stddev	21.072	11.485	311.45	212.117	20.325
%RSD	.9107242	.4762844	.5201462	2.767386	.6304103

#1	2300.504	2422.518	59806.91	7685.044	3244.873
#2	2302.688	2399.579	59606.75	7443.423	3204.251
#3	2338.044	2412.078	60217.66	7866.219	3223.250

Sample Name: J2989-07DL3X8 Acquired: 5/25/2018 18:03:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MC0AC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251118	.0041438	3.533607	.0192746	.0245398	28.92545	3.301100
Stddev	.0044434	.0037786	.024683	.0029162	.0005301	.02916	.008137
%RSD	17.69460	91.18667	.6985190	15.12997	2.160219	.1008050	.2464872

#1	.0283449	.0043879	3.521516	.0208095	.0249396	28.95672	3.307541
#2	.0269455	.0002491	3.517300	.0211028	.0247414	28.92063	3.303804
#3	.0200449	.0077945	3.562004	.0159115	.0239385	28.89900	3.291956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037378	.0324817	46.16356	.4291179	.0617950	3.923510	322.5898
Stddev	.0001178	.0004410	.04970	.0021655	.0005114	.002526	.9152
%RSD	3.151099	1.357549	.1076689	.5046383	.8275282	.0643905	.2837010

#1	.0038541	.0321876	46.20002	.4269043	.0623228	3.921927	323.3314
#2	.0037408	.0322687	46.10694	.4312318	.0613018	3.922179	321.5670
#3	.0036186	.0329887	46.18371	.4292174	.0617603	3.926424	322.8710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.56985	11.73381	.4146038	.0003536	1.458063	.0794220	3.739042
Stddev	.04137	.09559	.0034254	.0002642	.188065	.0052779	.031033
%RSD	.1833084	.8146715	.8261792	74.73004	12.89831	6.645442	.8299747

#1	22.60532	11.75956	.4143183	.0002877	1.320517	.0733570	3.710241
#2	22.52441	11.81390	.4113301	.0001285	1.381303	.0819359	3.734978
#3	22.57983	11.62799	.4181630	.0006445	1.672367	.0829730	3.771907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7979027	1.229164	.3740036	.0441305	1.823533	1.899515	.4207012
Stddev	.0258161	.008867	.0032676	.0003115	.028419	.009361	.0040957
%RSD	3.235491	.7213780	.8736742	.7059334	1.558473	.4928258	.9735469

#1	.7787408	1.224124	.3744301	.0442106	1.831359	1.908735	.4175831
#2	.7877078	1.223965	.3770370	.0437868	1.792021	1.890018	.4191808
#3	.8272595	1.239402	.3705438	.0443942	1.847219	1.899791	.4253397

Sample Name: J2989-07DL3X8 Acquired: 5/25/2018 18:03:16 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MC0AC1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7977480	.0274159	.1897376
Stddev	.0028903	.0008237	.0003515
%RSD	.3623075	3.004583	.1852548

#1	.8010403	.0272466	.1899320
#2	.7956280	.0266900	.1893318
#3	.7965757	.0283112	.1899489

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.519	2268.460	56126.34	7133.454	3314.441
Stddev	10.728	12.212	257.30	16.463	14.748
%RSD	.4979372	.5383282	.4584297	.2307840	.4449498

#1	2163.989	2267.026	56374.25	7115.041	3315.791
#2	2142.868	2281.326	55860.58	7138.567	3328.467
#3	2156.699	2257.029	56144.18	7146.753	3299.064

Sample Name: CCV076 Acquired: 5/25/2018 18:12:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.072426	5.069822	25.53618	5.045221	5.095849	403.0672	10.19129
Stddev	.142521	.099496	.59795	.130717	.136274	1.0602	.03633
%RSD	2.809727	1.962511	2.341571	2.590901	2.674222	.2630440	.3565076

#1	5.214919	5.149272	26.07942	5.174643	5.225617	401.8629	10.14985
#2	5.072483	5.101967	25.63362	5.047774	5.108044	403.8600	10.20633
#3	4.929876	4.958228	24.89549	4.913247	4.953887	403.4788	10.21768

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5018130	2.580001	406.0677	15.41912	2.578647	15.06464	406.1809
Stddev	.0031712	.059143	1.8588	.13235	.064994	.04429	.8829
%RSD	.6319482	2.292344	.4577609	.8583723	2.520473	.2940253	.2173769

#1	.5052008	2.636138	404.4113	15.51729	2.637414	15.01455	405.2241
#2	.5013226	2.585613	408.0781	15.26860	2.589687	15.08073	406.3545
#3	.4989155	2.518253	405.7138	15.47147	2.508840	15.09864	406.9642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.88053	405.4556	2.604320	1.293881	400.4579	2.507477	14.84678
Stddev	.05005	1.5718	.055701	.003449	.4722	.012796	.11516
%RSD	.3363227	.3876547	2.138785	.2665777	.1179231	.5103070	.7756617

#1	14.84084	403.9104	2.652846	1.294301	399.9208	2.494466	14.73835
#2	14.93675	407.0526	2.616614	1.290240	400.8078	2.520046	14.83434
#3	14.86400	405.4037	2.543499	1.297100	400.6452	2.507919	14.96766

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.8936	5.456562	5.151484	5.022686	5.362600	4.949019	5.208263
Stddev	.3750	.122861	.016403	.134194	.130806	.026409	.116018
%RSD	.2452572	2.251622	.3184048	2.671748	2.439227	.5336168	2.227581

#1	152.4969	5.556714	5.170419	5.155351	5.462864	4.978560	5.311696
#2	152.9419	5.493504	5.142409	5.025692	5.410297	4.940800	5.230278
#3	153.2421	5.319469	5.141624	4.887014	5.214639	4.927697	5.082814

Sample Name: CCV076 Acquired: 5/25/2018 18:12:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.997112	5.075911	5.083470
Stddev	.008537	.021720	.012766
%RSD	.1708362	.4279070	.2511268

#1	4.990798	5.050904	5.069394
#2	5.006825	5.086763	5.086716
#3	4.993713	5.090067	5.094299

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.727	1855.536	49545.85	6669.249	2575.687
Stddev	4.068	47.936	358.94	42.868	57.104
%RSD	.2232900	2.583383	.7244537	.6427655	2.217049

#1	1817.093	1807.066	49273.14	6651.477	2522.884
#2	1824.706	1856.621	49952.50	6638.125	2567.887
#3	1823.383	1902.919	49411.92	6718.144	2636.290

Sample Name: CCB076 Acquired: 5/25/2018 18:17:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026537	-.001906	-.001064	.0033570	.0010618	.0028448	.0008366
Stddev	.0033899	.001923	.002044	.0023089	.0003719	.0017331	.0005249
%RSD	127.7419	100.8943	192.0946	68.77703	35.02101	60.92011	62.73962

#1	-.000155	-.003230	-.000737	.0042849	.0014912	.0044264	.0003495
#2	.001696	-.002786	.000797	.0007286	.0008439	.0009922	.0013925
#3	.006419	.000300	-.003251	.0050576	.0008503	.0031159	.0007679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000509	-.000029	.0057933	.0005182	.0000198	-.000109	.0133767
Stddev	.0000469	.000053	.0075839	.0002020	.0001757	.001462	.0122155
%RSD	92.10210	183.4850	130.9086	38.98104	888.0169	1343.127	91.31963

#1	.0000429	.000016	.0144675	.0002850	.0001685	-.001604	.0212316
#2	.0000086	-.000016	.0004153	.0006314	-.000174	-.000041	-.000697
#3	.0001014	-.000087	.0024970	.0006382	.000065	.001318	.019595

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013581	-.024403	.0002720	-.000260	-.274260	-.001970	.0042151
Stddev	.0009309	.025000	.0001189	.000033	.149153	.002748	.0016976
%RSD	68.54370	102.4451	43.71995	12.76034	54.38397	139.5101	40.27346

#1	.0024173	.002672	.0002107	-.000295	-.433048	-.002434	.0055965
#2	.0009873	-.046612	.0001963	-.000256	-.252628	-.004455	.0047287
#3	.0006697	-.029271	.0004091	-.000229	-.137103	.000981	.0023200

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.036798	.0023681	.0059095	.0002298	.0012218	-.000748	-.001552
Stddev	.016010	.0007959	.0004018	.0000447	.0031429	.000498	.000103
%RSD	43.50817	33.60927	6.798702	19.45139	257.2352	66.52010	6.628101

#1	-.054798	.0021271	.0063500	.0002318	-.001793	-.001012	-.001547
#2	-.031446	.0017206	.0058155	.0002734	.004479	-.001059	-.001452
#3	-.024149	.0032567	.0055631	.0001841	.000980	-.000174	-.001657

Sample Name: CCB076 Acquired: 5/25/2018 18:17:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v541) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000302	.0014271	.0000385
Stddev	.001557	.0003085	.0000406
%RSD	515.7015	21.61993	105.4724

#1	.001481	.0012249	.0000838
#2	-.001394	.0017822	.0000264
#3	-.000993	.0012742	.0000053

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.539	2287.517	57339.16	7196.158	3514.797
Stddev	9.904	79.356	203.17	88.363	122.908
%RSD	.4490292	3.469080	.3543332	1.227920	3.496871

#1	2194.295	2335.442	57171.63	7298.175	3587.522
#2	2212.967	2195.918	57280.70	7143.575	3372.890
#3	2209.354	2331.191	57565.15	7146.725	3583.980