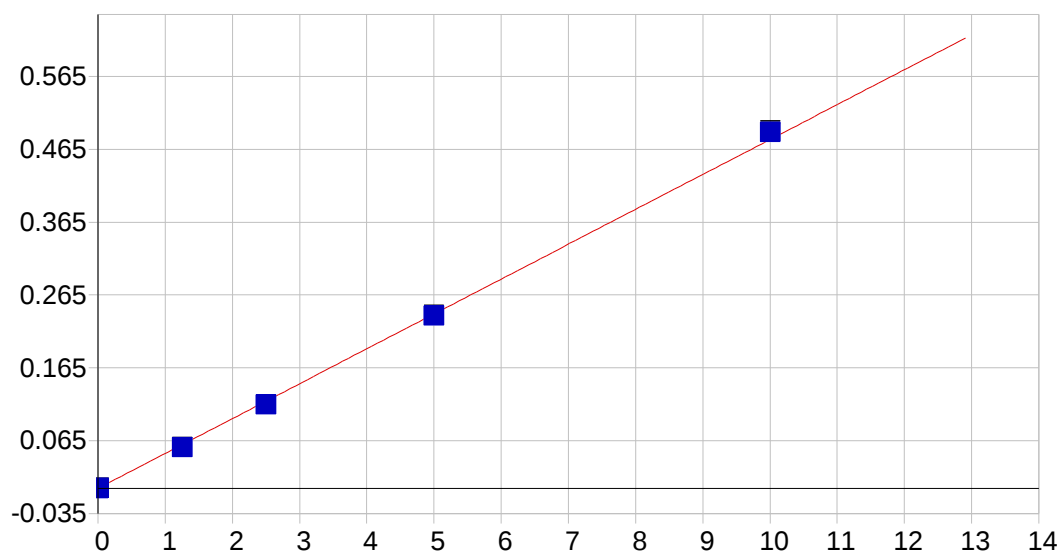




As 189.042 {479}

Date of Fit: 7/11/2017 14:17:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000325

Re-Slope: 1.000000

A1 (Gain): 0.047872

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999652

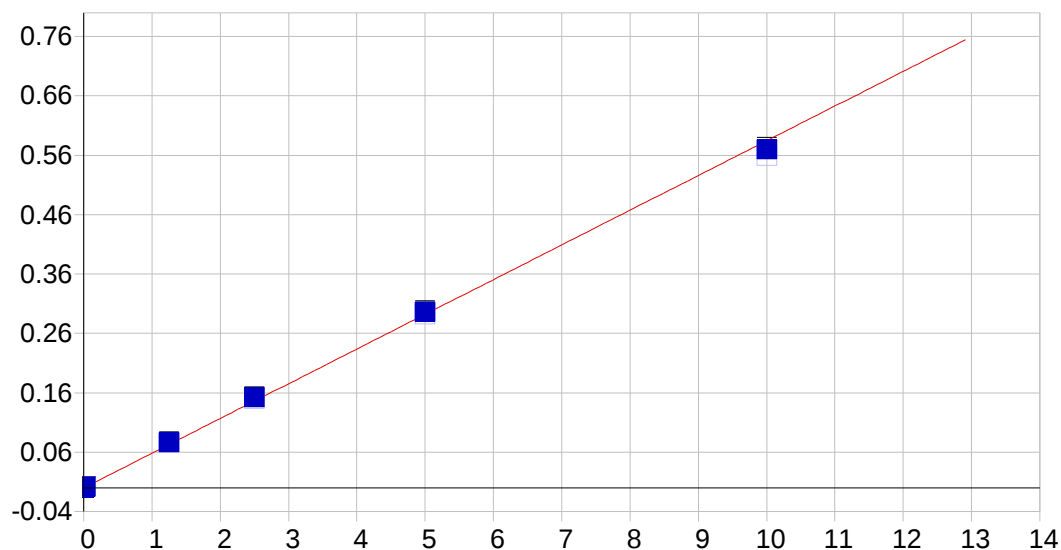
Status: OK.

Std Error of Est: 0.000021

Predicted MDL: 0.003542

Predicted MQL: 0.011808

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.01000	.01160	.002	16.0	.00023	.000	1
S2	1.2500	1.1775	-.073	-5.80	.05603	.000	1
S3	2.5000	2.4055	-.094	-3.78	.11480	.000	1
S4	5.0000	4.9519	-.048	-.961	.23667	.001	1
S5	10.000	10.213	.213	2.13	.48848	.002	1

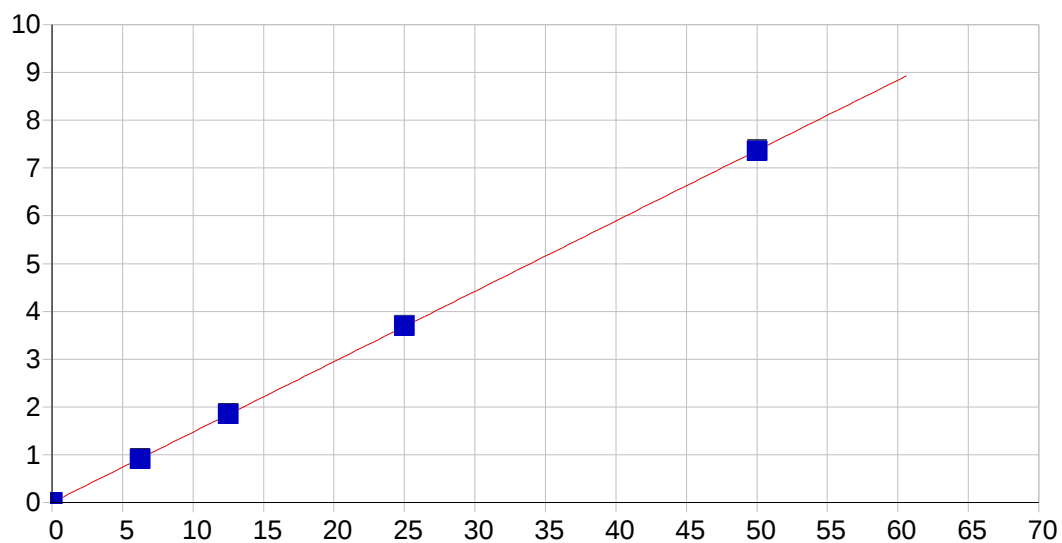


TI 190.856 {477}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000254 Re-Slope: 1.000000
 A1 (Gain): 0.058478 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999550 Status: OK.
 Std Error of Est: 0.000046
 Predicted MDL: 0.001814
 Predicted MQL: 0.006045

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00025	.000	1
S1	.02500	.02971	.005	18.8	.00136	.000	1
S2	1.2500	1.3164	.066	5.31	.07540	.000	1
S3	2.5000	2.6035	.104	4.14	.14934	.001	1
S4	5.0000	5.0780	.078	1.56	.29138	.001	1
S5	10.000	9.7477	-.252	-2.52	.55914	.004	1

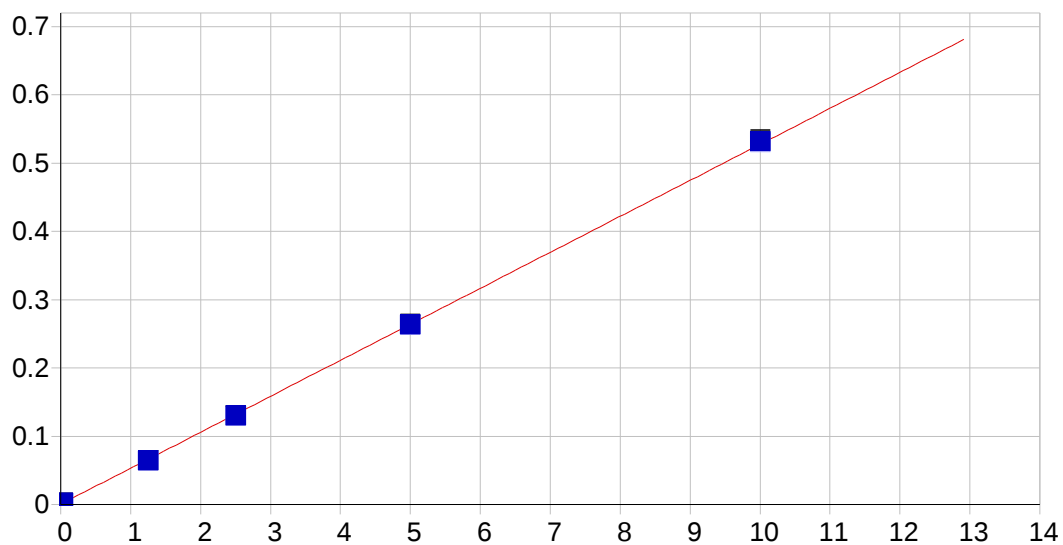


Pb 220.353 {453}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000294 Re-Slope: 1.000000
 A1 (Gain): 0.147327 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999991 Status: OK.
 Std Error of Est: 0.000023
 Predicted MDL: 0.001469
 Predicted MQL: 0.004896

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.01000	.01018	.000	1.82	.00179	.000	1
S2	6.2500	6.1793	-.071	-1.13	.91094	.002	1
S3	12.500	12.563	.063	.507	1.8518	.012	1
S4	25.000	25.094	.094	.378	3.6985	.007	1
S5	50.000	49.913	-.087	-.175	7.3559	.022	1

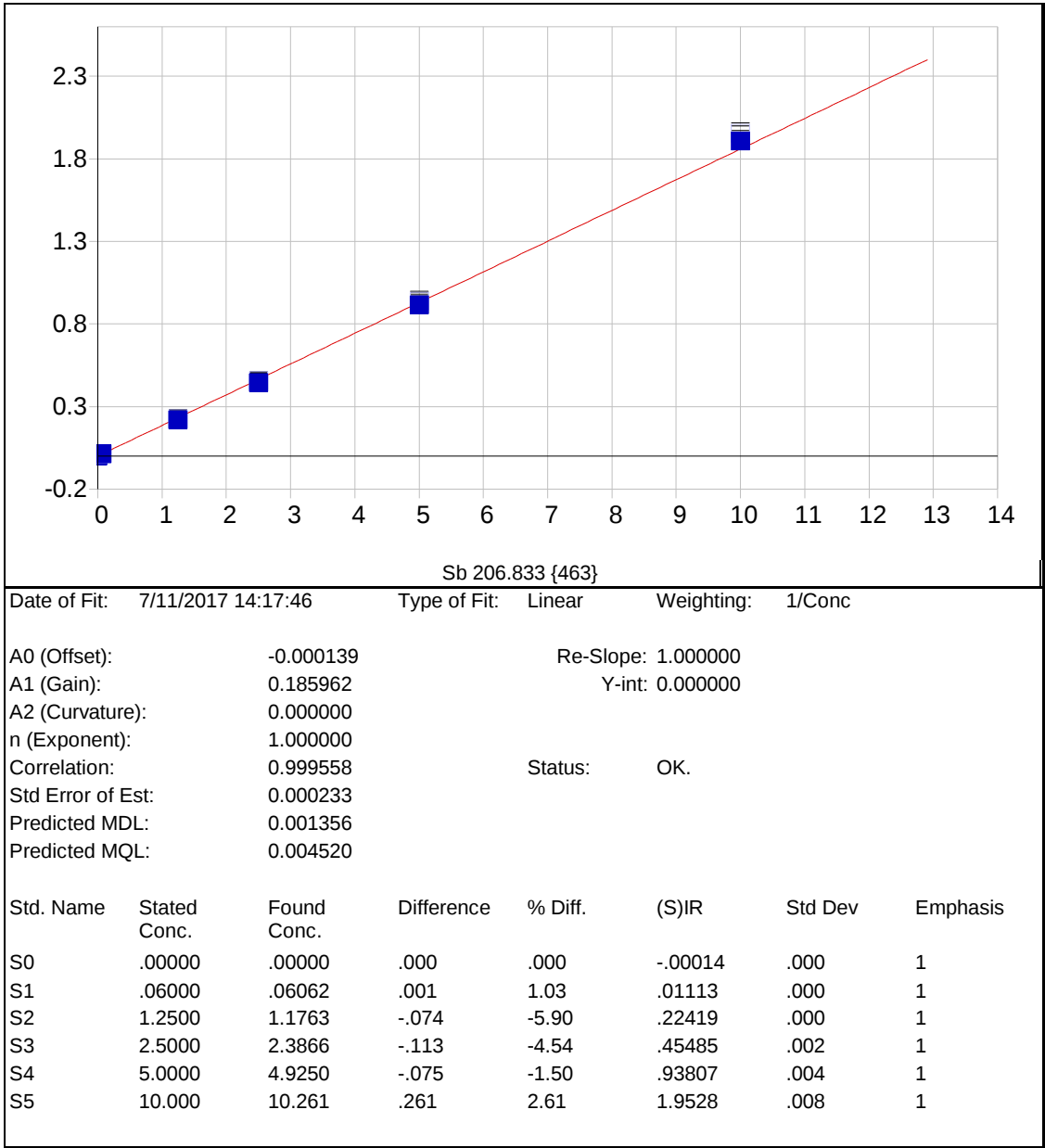


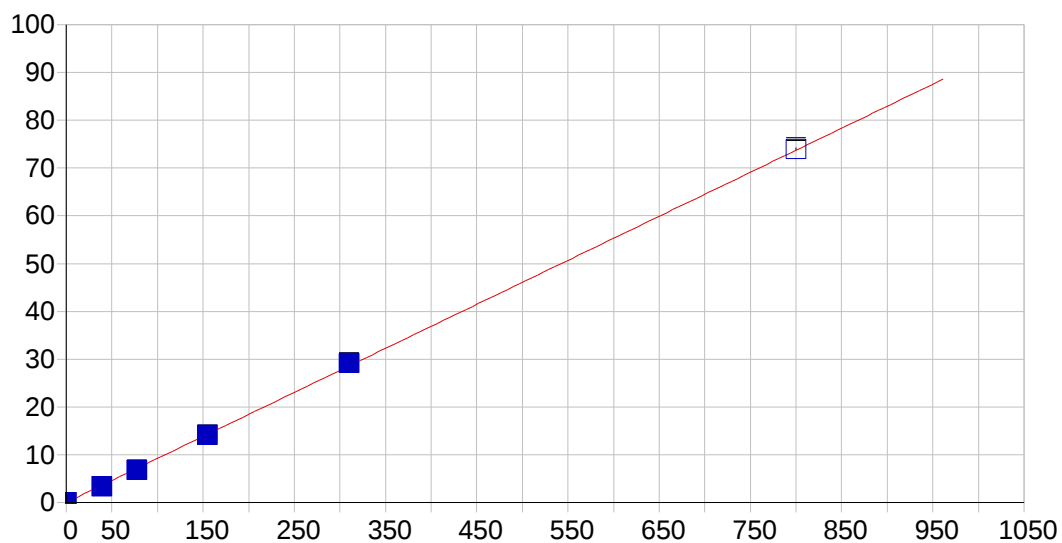
Se 196.090 {472}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000375 Re-Slope: 1.000000
 A1 (Gain): 0.052717 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999932 Status: OK.
 Std Error of Est: 0.000019
 Predicted MDL: 0.003463
 Predicted MQL: 0.011544

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.03500	.03338	-.002	-4.63	.00213	.000	1
S2	1.2500	1.2142	-.036	-2.86	.06414	.000	1
S3	2.5000	2.4604	-.040	-1.58	.12959	.000	1
S4	5.0000	4.9885	-.011	-.229	.26238	.001	1
S5	10.000	10.088	.088	.885	.53026	.002	1





AI 396.152 { 85}

Date of Fit: 7/11/2017 14:22:04

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001102

Re-Slope: 1.000000

A1 (Gain): 0.092150

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999785

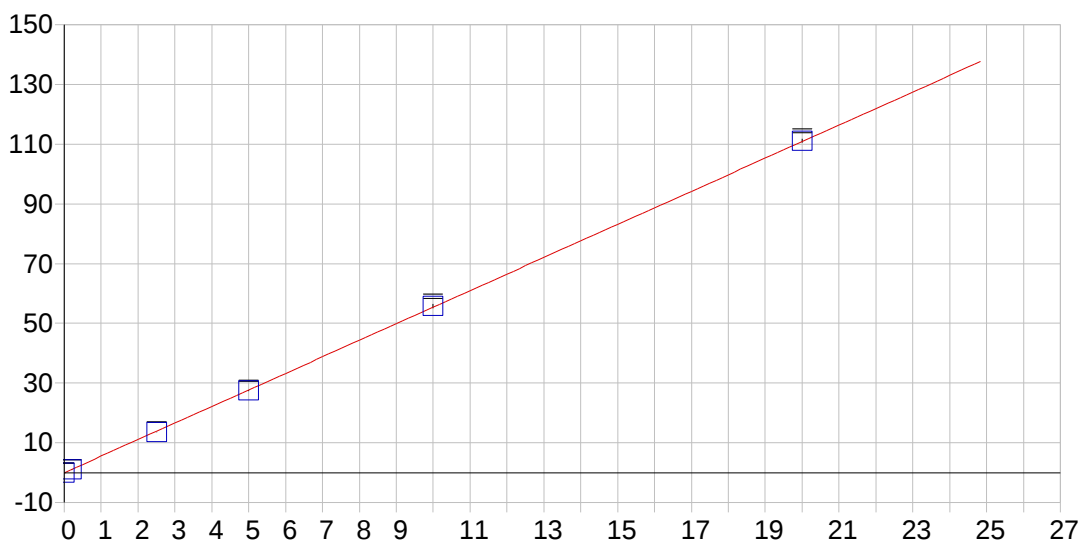
Status: OK.

Std Error of Est: 0.001187

Predicted MDL: 0.006078

Predicted MQL: 0.020261

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00111	.000	1
S1	.20000	.18080	-.019	-9.60	.01780	.001	1
S2	38.750	36.048	-2.70	-6.97	3.3272	.007	1
S3	77.500	73.307	-4.19	-5.41	6.7650	.022	1
S4	155.00	152.75	-2.25	-1.45	14.095	.024	1
S5	310.00	316.47	6.47	2.09	29.198	.085	1
S6	800.00	802.70	2.70	.337	73.970	.296	1

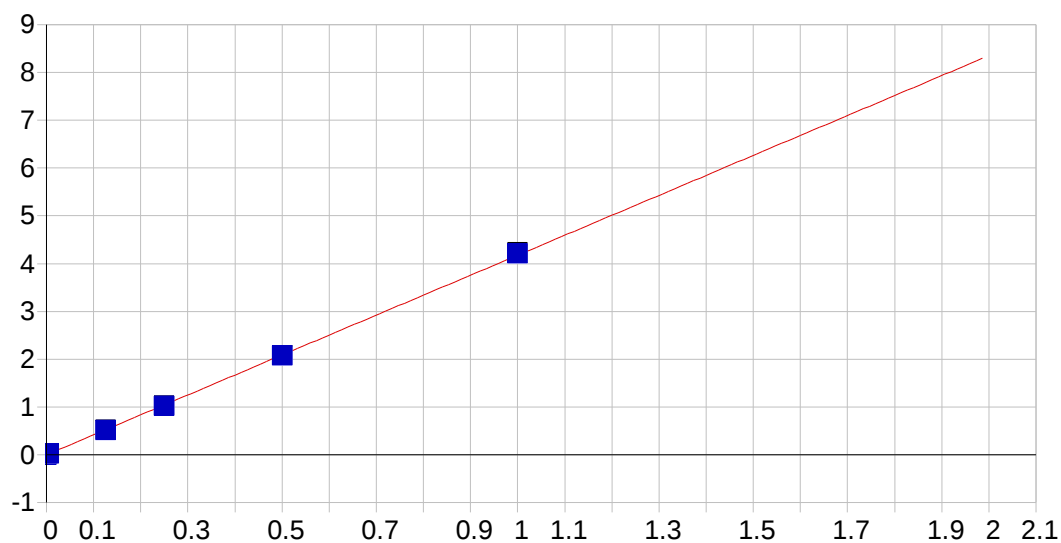


Ba 493.409 { 68}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.020529 Re-Slope: 1.000000
 A1 (Gain): 5.542982 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.005720
 Predicted MDL: 0.000268
 Predicted MQL: 0.000893

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.02040	.001	1
S1	.20000	.17999	-.020	-10.0	.97713	.005	1
S2	2.5000	2.4547	-.045	-1.81	13.586	.049	1
S3	5.0000	4.9620	-.038	-.759	27.484	.110	1
S4	10.000	10.058	.058	.582	55.732	.757	1
S5	20.000	20.045	.045	.225	111.09	.674	1



Be 234.861 {144}

Date of Fit: 7/11/2017 14:17:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002501

Re-Slope: 1.000000

A1 (Gain): 4.177485

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999949

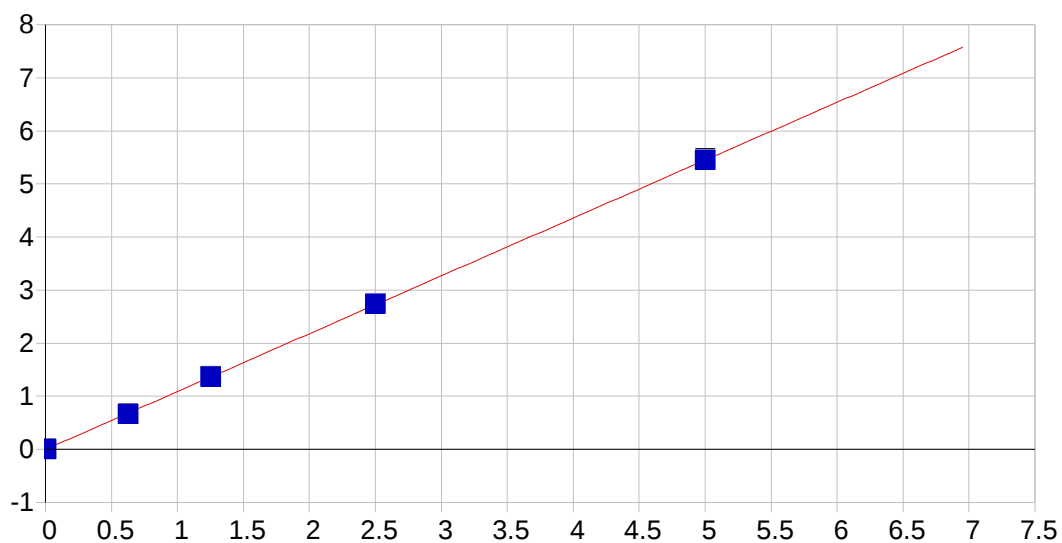
Status: OK.

Std Error of Est: 0.000158

Predicted MDL: 0.000077

Predicted MQL: 0.000255

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00250	.000	1
S1	.00500	.00489	.000	-2.26	.01790	.000	1
S2	.12500	.12279	-.002	-1.77	.50868	.002	1
S3	.25000	.24621	-.004	-1.51	1.0225	.004	1
S4	.50000	.49732	-.003	-.535	2.0680	.007	1
S5	1.0000	1.0088	.009	.879	4.1977	.028	1

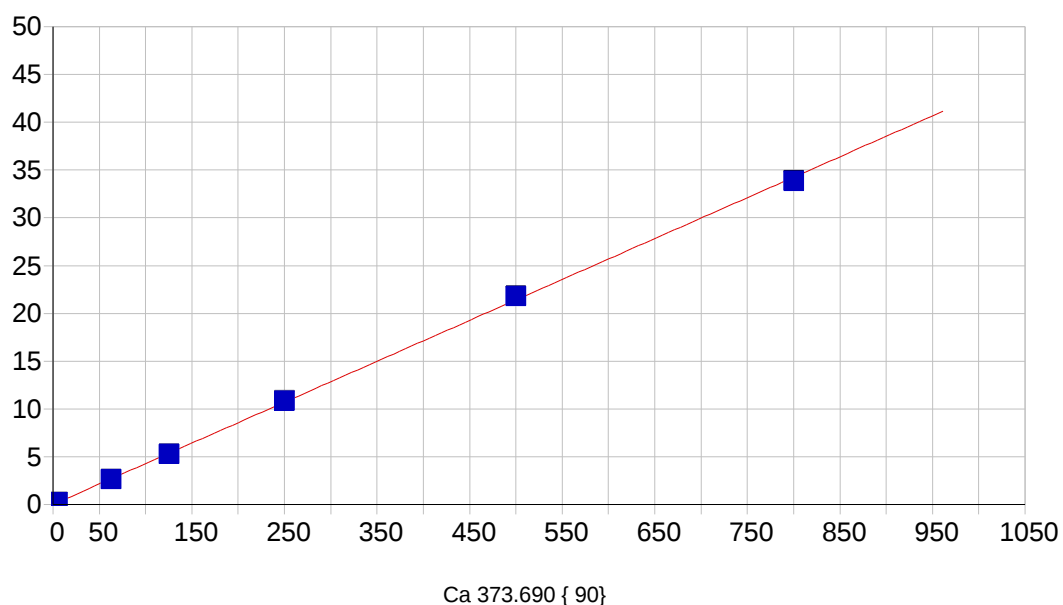


Cd 214.438 {457}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000046 Re-Slope: 1.000000
 A1 (Gain): 1.089665 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999969 Status: OK.
 Std Error of Est: 0.000072
 Predicted MDL: 0.000128
 Predicted MQL: 0.000426

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.00500	.00500	.000	-.085	.00549	.000	1
S2	.62500	.60832	-.017	-2.67	.66410	.002	1
S3	1.2500	1.2492	-.001	-.066	1.3636	.012	1
S4	2.5000	2.5187	.019	.748	2.7493	.002	1
S5	5.0000	4.9988	-.001	-.024	5.4566	.018	1



Date of Fit: 7/11/2017 14:22:04

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001589

Re-Slope: 1.000000

A1 (Gain): 0.042808

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999896

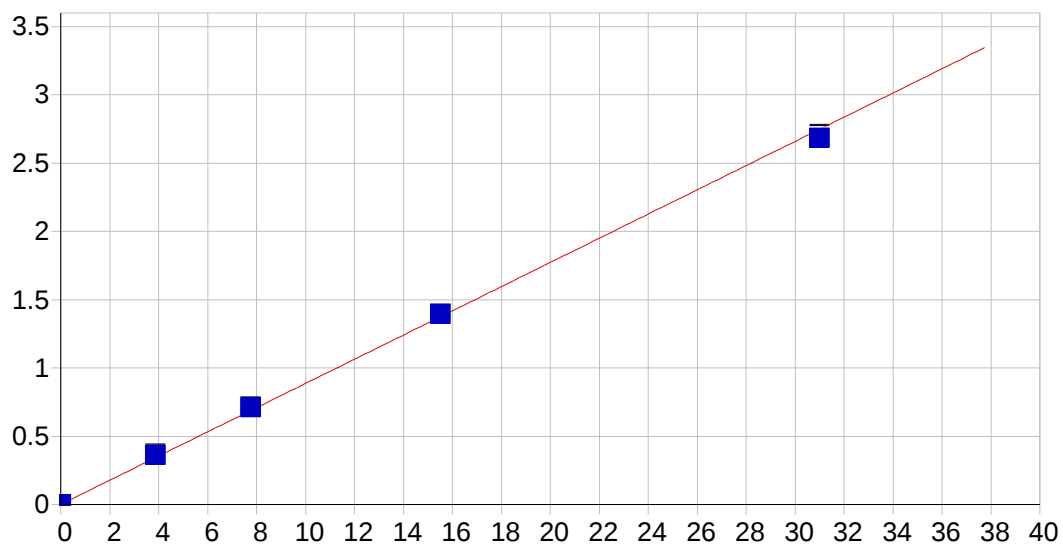
Status: OK.

Std Error of Est: 0.002150

Predicted MDL: 0.012467

Predicted MQL: 0.041557

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00159	.000	1
S1	5.0000	4.9645	-.035	-.709	.21410	.002	1
S2	62.500	61.117	-1.38	-2.21	2.6146	.008	1
S3	125.00	123.12	-1.88	-1.50	5.2658	.022	1
S4	250.00	253.31	3.31	1.32	10.832	.036	1
S5	500.00	508.90	8.90	1.78	21.761	.049	1
S6	800.00	791.08	-8.92	-1.11	33.797	.071	1

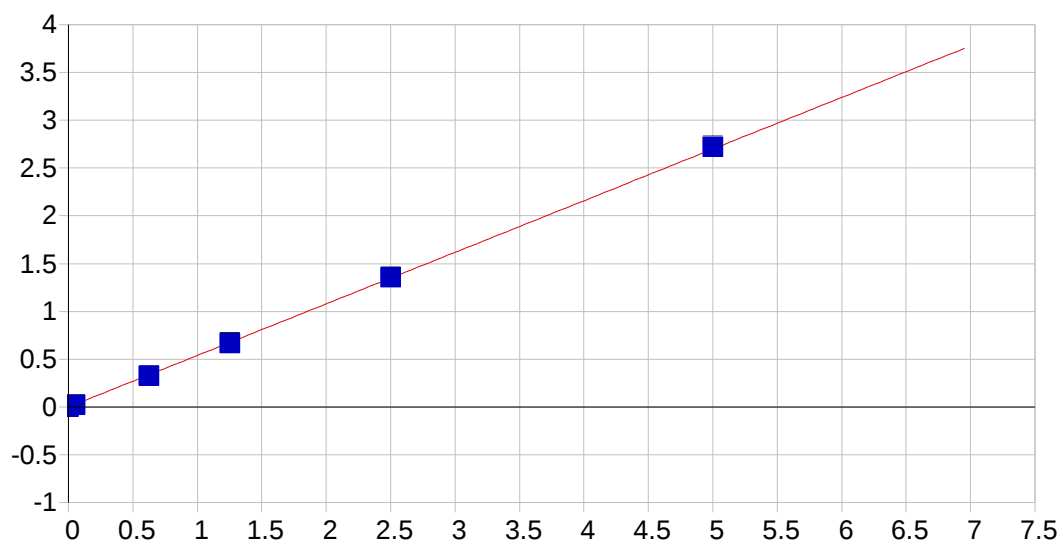


Cr 267.716 {126}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000047 Re-Slope: 1.000000
 A1 (Gain): 0.088633 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999667 Status: OK.
 Std Error of Est: 0.000068
 Predicted MDL: 0.000515
 Predicted MQL: 0.001717

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.01129	.001	12.9	.00106	.000	1
S2	3.8750	4.0730	.198	5.11	.36193	.007	1
S3	7.7500	8.0198	.270	3.48	.71264	.002	1
S4	15.500	15.731	.231	1.49	1.3979	.002	1
S5	31.000	30.300	-.700	-2.26	2.6927	.019	1

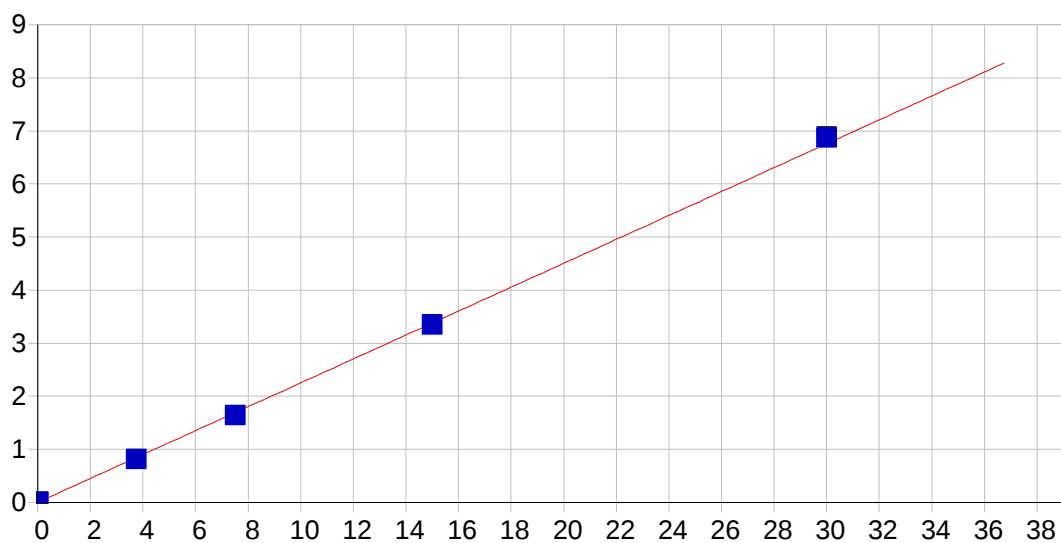


Co 228.616 {448}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000343 Re-Slope: 1.000000
 A1 (Gain): 0.539684 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999855 Status: OK.
 Std Error of Est: 0.000244
 Predicted MDL: 0.000242
 Predicted MQL: 0.000807

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00034	.000	1
S1	.05000	.04203	-.008	-15.9	.02244	.000	1
S2	.62500	.60067	-.024	-3.89	.32453	.001	1
S3	1.2500	1.2348	-.015	-1.22	.66744	.004	1
S4	2.5000	2.5090	.009	.360	1.3565	.003	1
S5	5.0000	5.0386	.039	.771	2.7245	.009	1

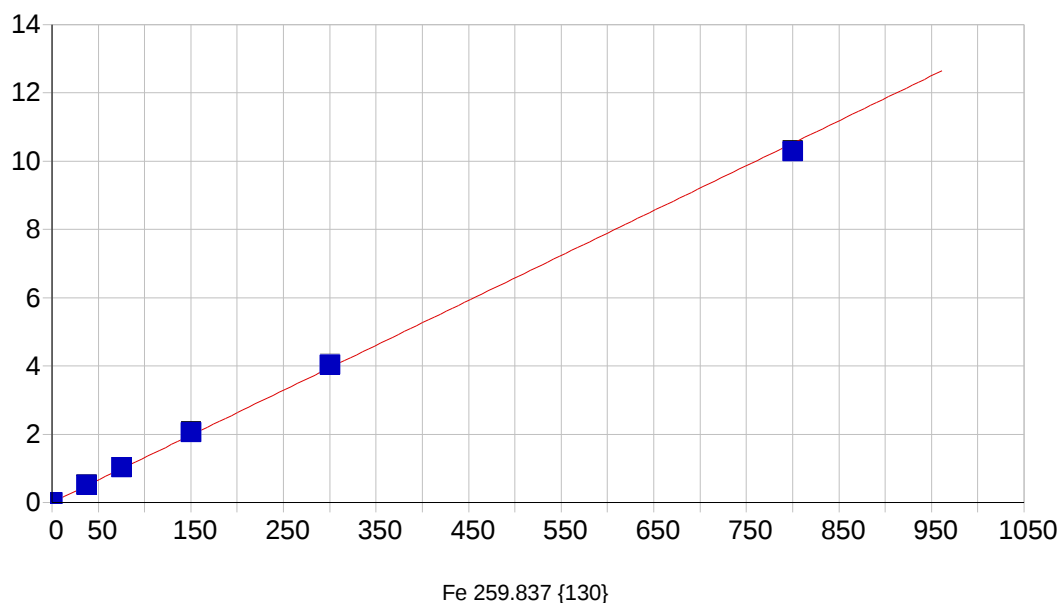


Cu 324.754 {104}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001509 Re-Slope: 1.000000
 A1 (Gain): 0.225179 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999786 Status: OK.
 Std Error of Est: 0.000213
 Predicted MDL: 0.001514
 Predicted MQL: 0.005046

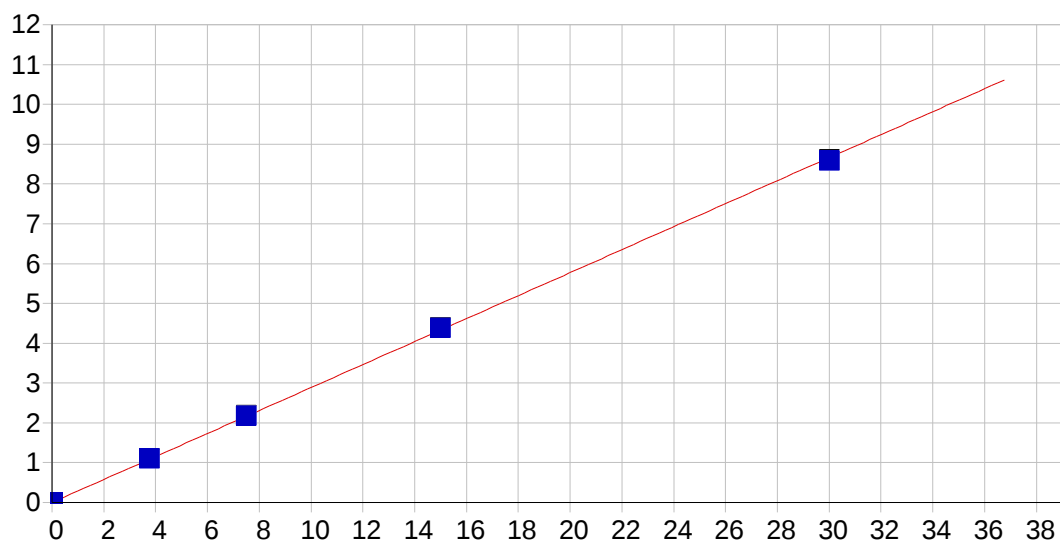
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00151	.000	1
S1	.02500	.02480	.000	-.816	.00706	.000	1
S2	3.7500	3.5981	-.152	-4.05	.80932	.002	1
S3	7.5000	7.2727	-.227	-3.03	1.6343	.007	1
S4	15.000	14.849	-.151	-1.00	3.3356	.007	1
S5	30.000	30.530	.530	1.77	6.8570	.019	1



Date of Fit: 7/11/2017 14:22:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000337 Re-Slope: 1.000000
 A1 (Gain): 0.013157 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999586 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.012530
 Predicted MQL: 0.041766

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00034	.000	1
S1	.10000	.09903	-.001	-.971	.00165	.000	1
S2	37.500	39.401	1.90	5.07	.51933	.001	1
S3	75.000	78.277	3.28	4.37	1.0314	.003	1
S4	150.00	156.53	6.53	4.35	2.0622	.009	1
S5	300.00	307.05	7.05	2.35	4.0450	.005	1
S6	800.00	781.23	-18.8	-2.35	10.284	.017	1

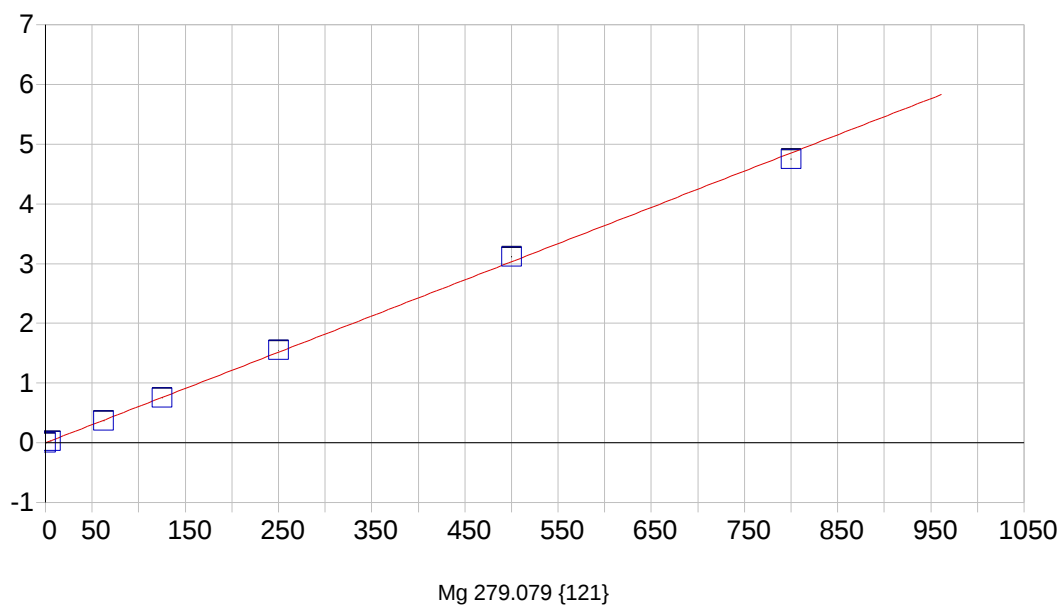


Mn 257.610 {131}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000150 Re-Slope: 1.000000
 A1 (Gain): 0.288678 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000097
 Predicted MDL: 0.000655
 Predicted MQL: 0.002184

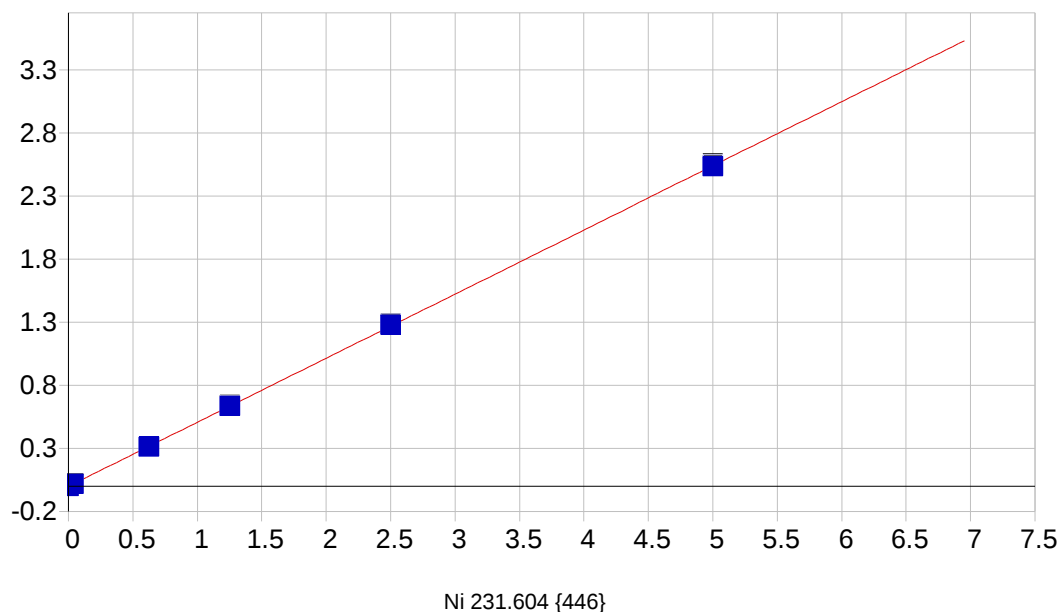
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00015	.000	1
S1	.01500	.01524	.000	1.61	.00455	.000	1
S2	3.7500	3.7993	.049	1.32	1.0972	.003	1
S3	7.5000	7.5529	.053	.705	2.1810	.010	1
S4	15.000	15.161	.161	1.07	4.3777	.012	1
S5	30.000	29.737	-.263	-.878	8.5864	.020	1



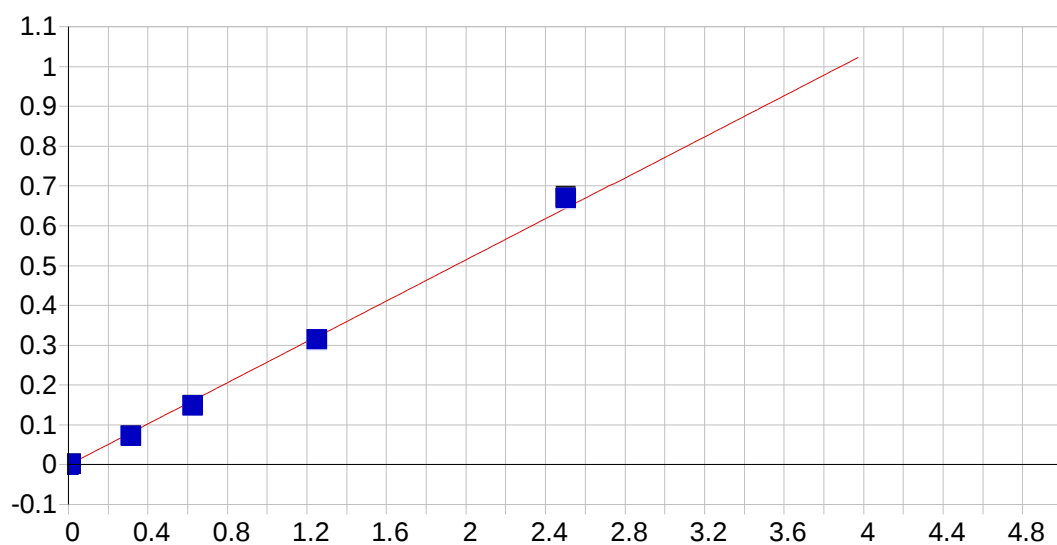
Date of Fit: 7/11/2017 14:22:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000060	Re-Slope: 1.000000
A1 (Gain):	0.006064	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.999738	Status: OK.
Std Error of Est:	0.000484	
Predicted MDL:	0.032439	
Predicted MQL:	0.108129	

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00009	.000	.000	-.00006	.000	1
S1	5.0000	4.9240	-.076	-1.52	.02980	.001	1
S2	62.500	60.918	-1.58	-2.53	.36936	.000	1
S3	125.00	124.36	-.638	-.511	.75410	.004	1
S4	250.00	255.50	5.50	2.20	1.5493	.003	1
S5	500.00	513.85	13.8	2.77	3.1160	.008	1
S6	800.00	782.95	-17.0	-2.13	4.7479	.008	1



Date of Fit:		7/11/2017 14:17:46		Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):		-0.000944		Re-Slope:		1.000000	
A1 (Gain):		0.507728		Y-int:		0.000000	
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.999954		Status:	OK.		
Std Error of Est:		0.000116					
Predicted MDL:		0.000340					
Predicted MQL:		0.001133					
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00094	.000	1
S1	.04000	.03540	-.005	-11.5	.01706	.000	1
S2	.62500	.61594	-.009	-1.45	.31345	.001	1
S3	1.2500	1.2535	.004	.284	.63886	.004	1
S4	2.5000	2.5213	.021	.854	1.2859	.002	1
S5	5.0000	4.9888	-.011	-.225	2.5453	.010	1

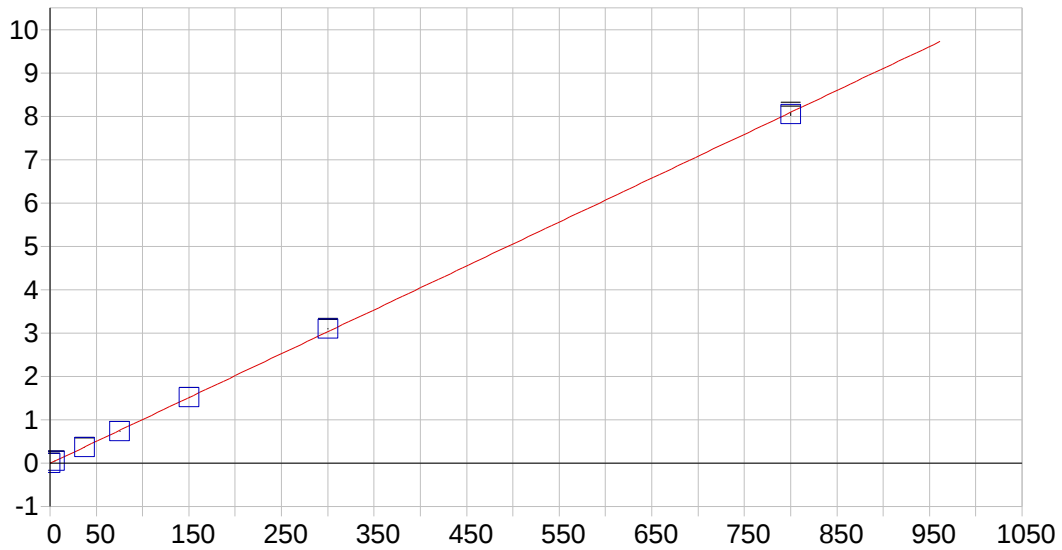


Ag 328.068 {103}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000310 Re-Slope: 1.000000
 A1 (Gain): 0.257384 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998752 Status: OK.
 Std Error of Est: 0.000107
 Predicted MDL: 0.000282
 Predicted MQL: 0.000939

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00031	.000	1
S1	.01000	.00925	-.001	-7.53	.00206	.000	1
S2	.31250	.28243	-.030	-9.62	.07184	.002	1
S3	.62500	.57801	-.047	-7.52	.14736	.000	1
S4	1.2500	1.2220	-.028	-2.24	.31203	.001	1
S5	2.5000	2.6058	.106	4.23	.66599	.004	1

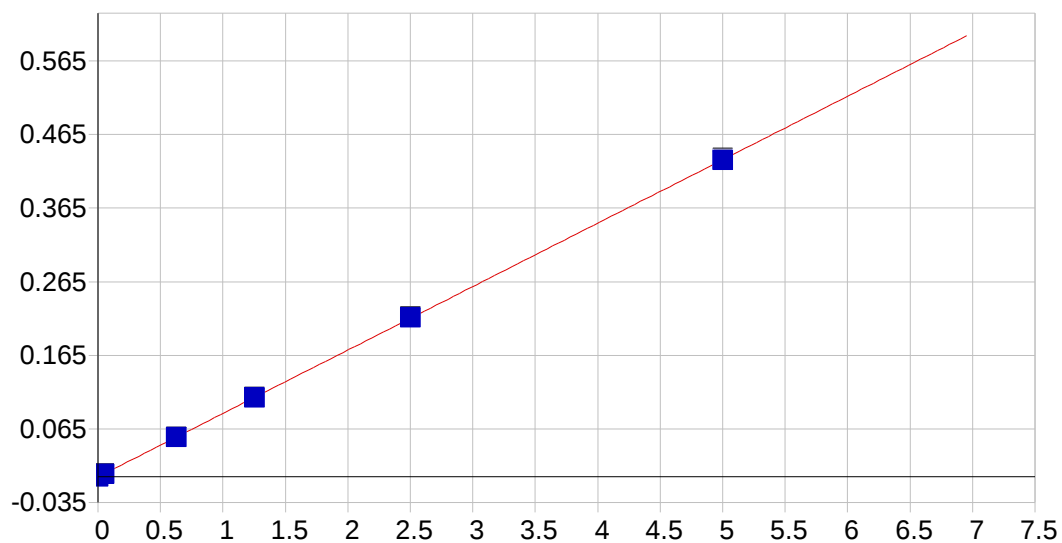


Na 818.326 { 41}

Date of Fit: 7/11/2017 14:22:04 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.005379 Re-Slope: 1.000000
 A1 (Gain): 0.010118 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999904 Status: OK.
 Std Error of Est: 0.000433
 Predicted MDL: 0.119893
 Predicted MQL: 0.399644

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	-.00538	.001	1
S1	5.0000	5.0147	.015	.294	.04536	.001	1
S2	37.500	36.233	-1.27	-3.38	.36124	.003	1
S3	75.000	73.020	-1.98	-2.64	.73347	.003	1
S4	150.00	150.54	.538	.359	1.5178	.001	1
S5	300.00	306.62	6.62	2.21	3.0971	.015	1
S6	800.00	796.08	-3.92	-.490	8.0497	.041	1

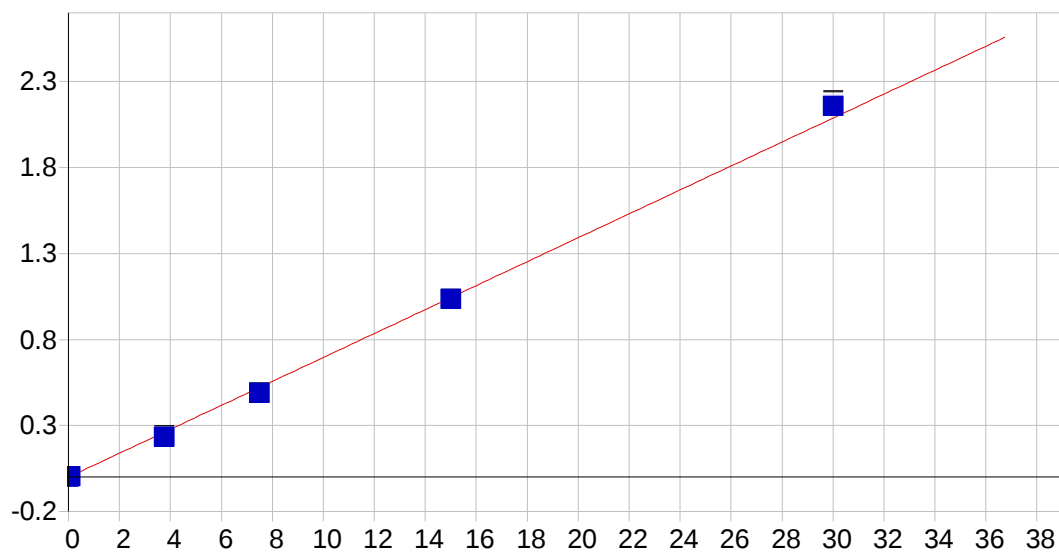


V 292.402 {115}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000228 Re-Slope: 1.000000
 A1 (Gain): 0.086210 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999996 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002941
 Predicted MQL: 0.009804

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.05000	.04994	.000	-.116	.00409	.000	1
S2	.62500	.62228	-.003	-.435	.05364	.000	1
S3	1.2500	1.2499	.000	-.008	.10797	.001	1
S4	2.5000	2.5112	.011	.450	.21716	.001	1
S5	5.0000	4.9916	-.008	-.167	.43188	.001	1

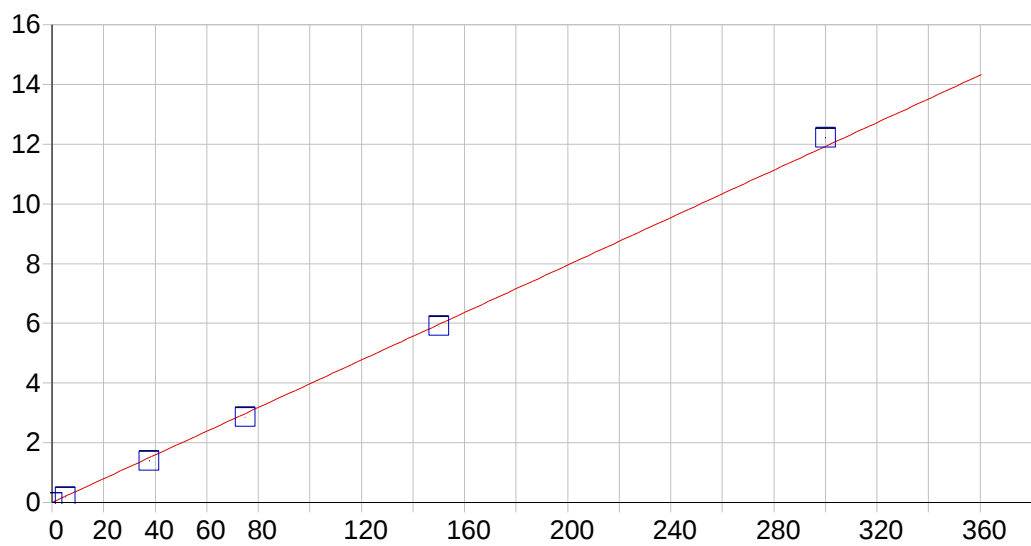


Zn 213.856 {158}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000544 Re-Slope: 1.000000
 A1 (Gain): 0.069618 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999080 Status: OK.
 Std Error of Est: 0.000213
 Predicted MDL: 0.009058
 Predicted MQL: 0.030192

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00054	.001	1
S1	.06000	.04701	-.013	-21.6	.00274	.000	1
S2	3.7500	3.3805	-.370	-9.85	.23542	.005	1
S3	7.5000	7.0230	-.477	-6.36	.48964	.002	1
S4	15.000	14.859	-.141	-.941	1.0364	.002	1
S5	30.000	31.001	1.00	3.34	2.1627	.025	1

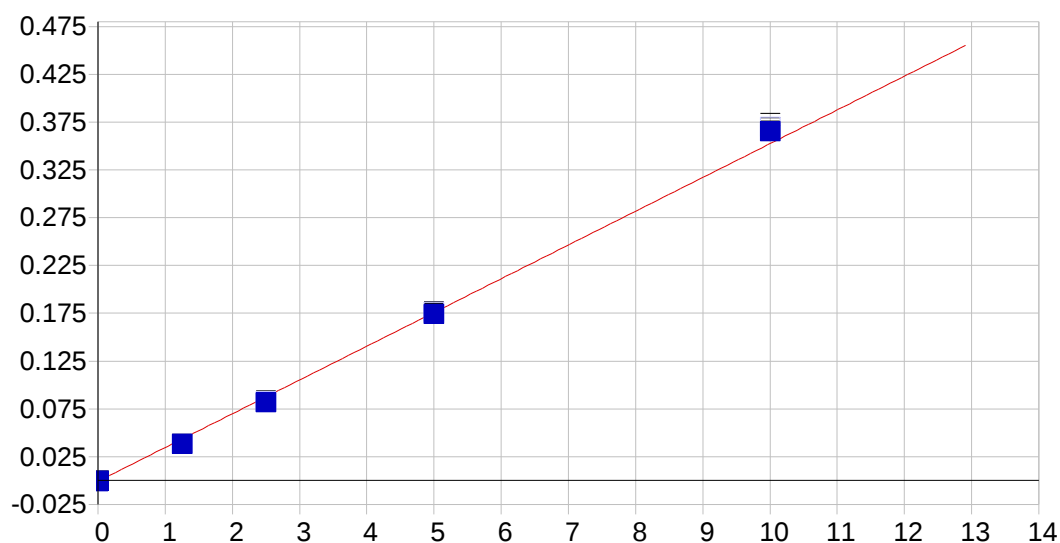


K 769.896 { 44}

Date of Fit: 7/11/2017 14:17:46 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000536 Re-Slope: 1.000000
 A1 (Gain): 0.039751 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999579 Status: OK.
 Std Error of Est: 0.002378
 Predicted MDL: 0.029434
 Predicted MQL: 0.098114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00077	.001	.000	.00057	.000	1
S1	5.0000	4.6724	-.328	-6.55	.18627	.000	1
S2	37.500	35.214	-2.29	-6.10	1.4003	.005	1
S3	75.000	71.857	-3.14	-4.19	2.8569	.008	1
S4	150.00	148.58	-1.42	-.948	5.9067	.008	1
S5	300.00	307.18	7.18	2.39	12.211	.016	1



P 177.495 {490}

Date of Fit: 7/11/2017 14:17:46

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000805

Re-Slope: 1.000000

A1 (Gain): 0.035325

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998880

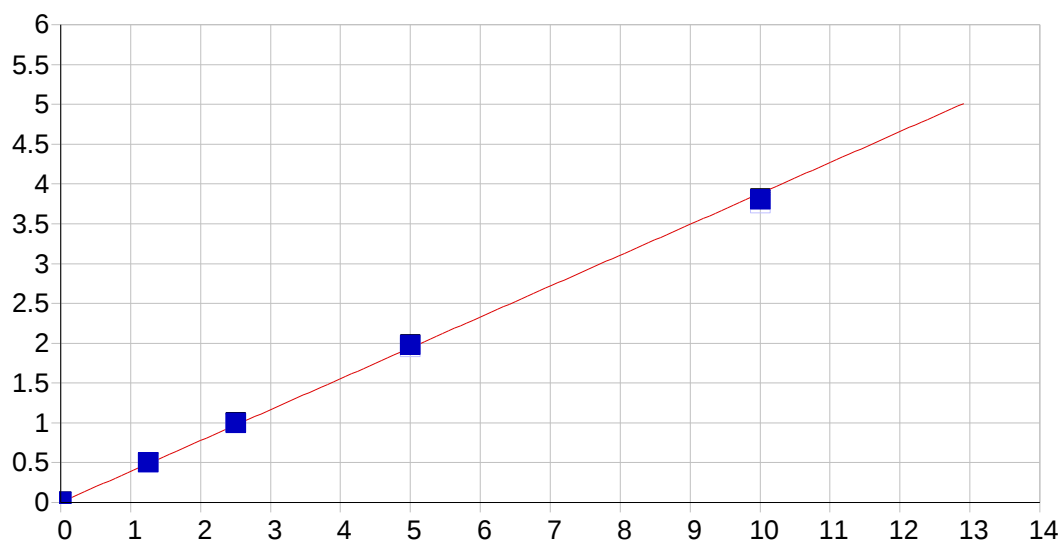
Status: OK.

Std Error of Est: 0.000028

Predicted MDL: 0.002589

Predicted MQL: 0.008629

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00081	.000	1
S1	.01000	.01226	.002	22.6	-.00037	.000	1
S2	1.2500	1.0990	-.151	-12.1	.03859	.000	1
S3	2.5000	2.3364	-.164	-6.55	.08287	.001	1
S4	5.0000	4.9490	-.051	-1.02	.17630	.001	1
S5	10.000	10.363	.363	3.63	.36985	.004	1

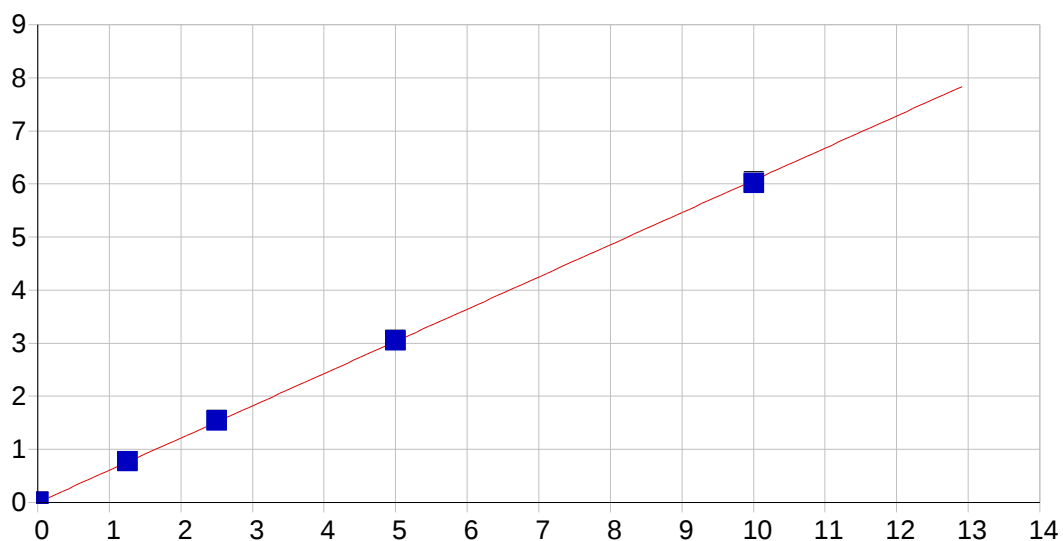


B 249.678 {135}

Date of Fit: 7/11/2017 14:17:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002684 Re-Slope: 1.000000
 A1 (Gain): 0.387845 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999764 Status: OK.
 Std Error of Est: 0.000139
 Predicted MDL: 0.000854
 Predicted MQL: 0.002845

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00268	.000	1
S1	.01000	.00930	-.001	-7.00	.00630	.000	1
S2	1.2500	1.2820	.032	2.56	.49385	.003	1
S3	2.5000	2.5747	.075	2.99	.98912	.005	1
S4	5.0000	5.0908	.091	1.82	1.9528	.010	1
S5	10.000	9.8032	-.197	-1.97	3.7562	.012	1

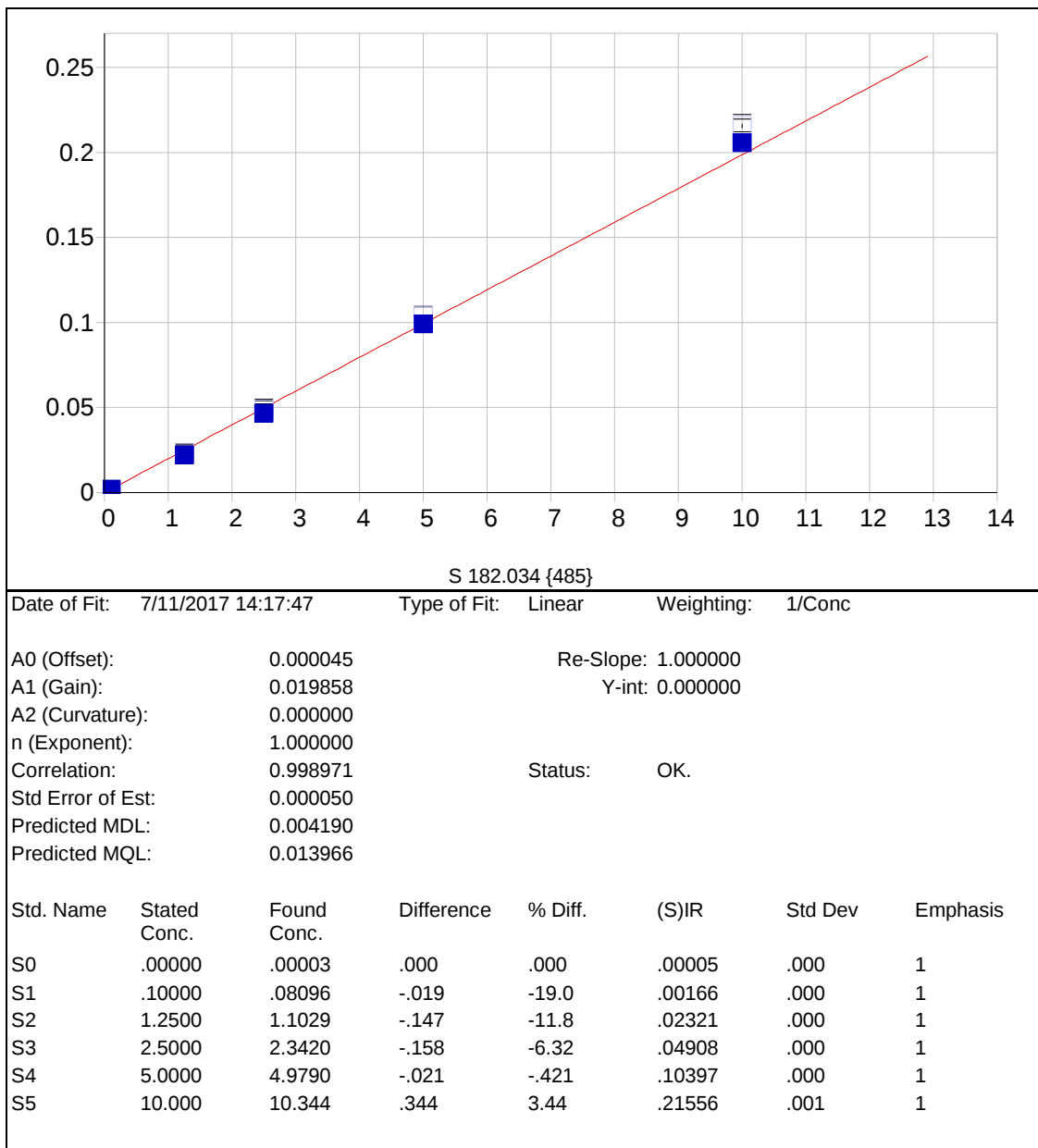


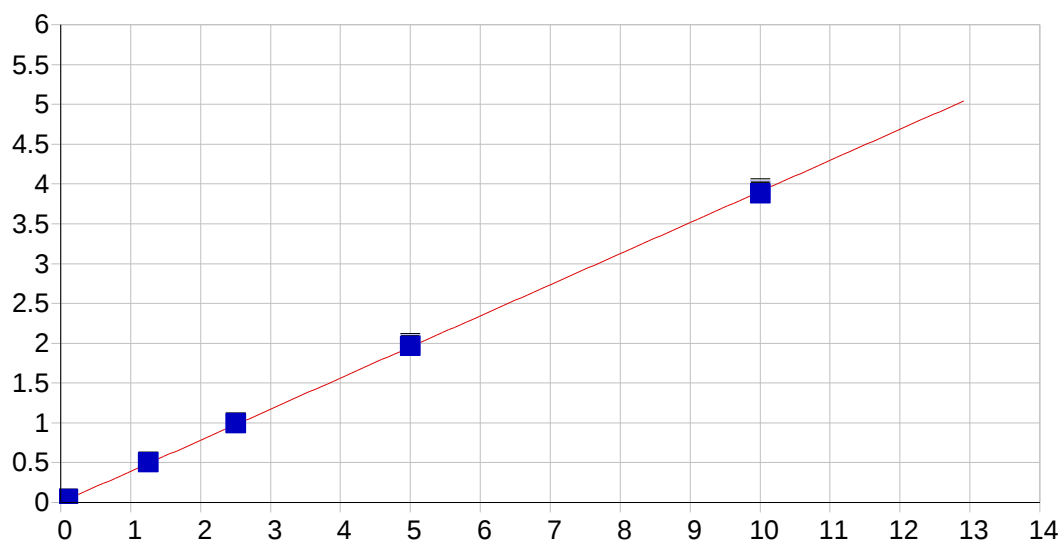
Mo 202.030 {467}

Date of Fit: 7/11/2017 14:17:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000484 Re-Slope: 1.000000
 A1 (Gain): 0.606731 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953 Status: OK.
 Std Error of Est: 0.000098
 Predicted MDL: 0.000334
 Predicted MQL: 0.001114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00048	.000	1
S1	.01000	.01075	.001	7.51	.00702	.000	1
S2	1.2500	1.2700	.020	1.60	.77174	.002	1
S3	2.5000	2.5332	.033	1.33	1.5388	.011	1
S4	5.0000	5.0315	.032	.631	3.0560	.005	1
S5	10.000	9.9145	-.086	-.855	6.0214	.020	1



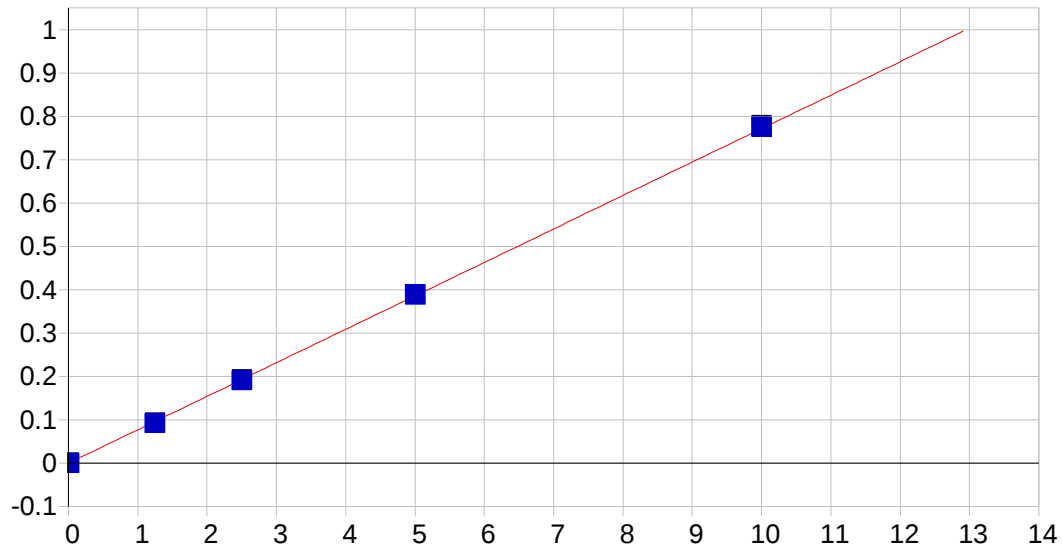


Si 251.611 {134}

Date of Fit: 7/11/2017 14:17:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001026 Re-Slope: 1.000000
 A1 (Gain): 0.390464 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999957 Status: OK.
 Std Error of Est: 0.000195
 Predicted MDL: 0.000873
 Predicted MQL: 0.002911

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00103	.000	1
S1	.10000	.09804	-.002	-1.96	.03945	.001	1
S2	1.2500	1.2773	.027	2.19	.50553	.004	1
S3	2.5000	2.5313	.031	1.25	1.0009	.002	1
S4	5.0000	5.0186	.019	.371	1.9836	.011	1
S5	10.000	9.9247	-.075	-.753	3.9222	.021	1

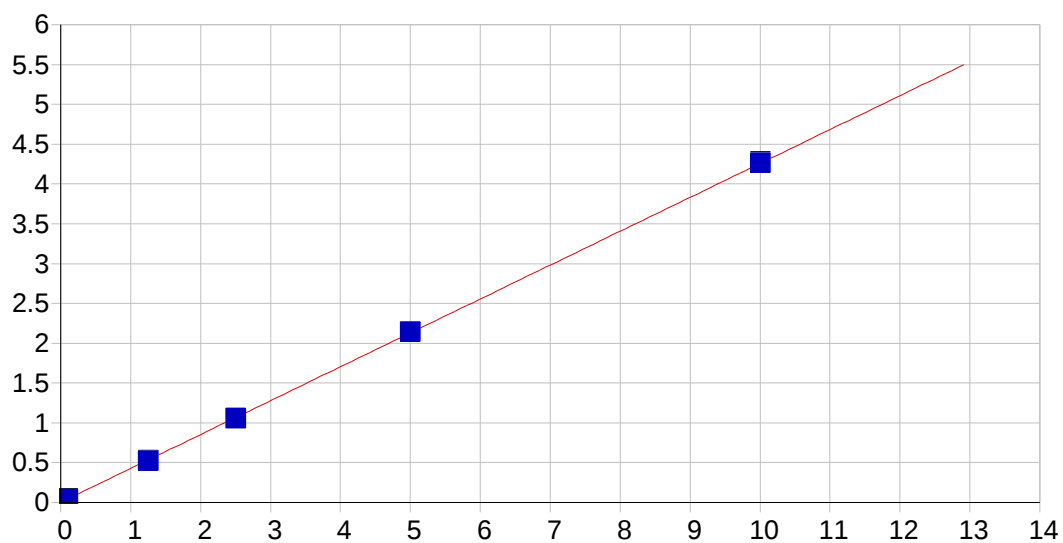


Sn 189.989 {478}

Date of Fit: 7/11/2017 14:17:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000031 Re-Slope: 1.000000
 A1 (Gain): 0.077154 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999925 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.001199
 Predicted MQL: 0.003998

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00003	.000	1
S1	.00700	.00670	.000	-4.22	.00054	.000	1
S2	1.2500	1.1992	-.051	-4.07	.09247	.000	1
S3	2.5000	2.4718	-.028	-1.13	.19059	.001	1
S4	5.0000	5.0248	.025	.497	.38741	.000	1
S5	10.000	10.054	.054	.545	.77516	.003	1

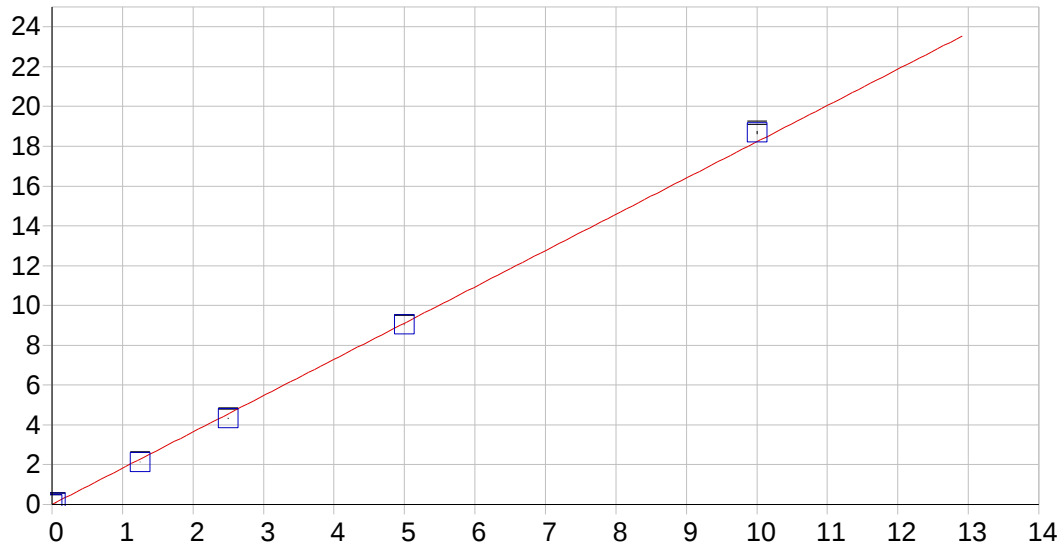


Ti 336.121 {100}

Date of Fit: 7/11/2017 14:17:47 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002469 Re-Slope: 1.000000
 A1 (Gain): 0.425518 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999980 Status: OK.
 Std Error of Est: 0.000141
 Predicted MDL: 0.000896
 Predicted MQL: 0.002985

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00247	.000	1
S1	.10000	.09925	-.001	-.753	.04469	.000	1
S2	1.2500	1.2320	-.018	-1.44	.52653	.001	1
S3	2.5000	2.4722	-.028	-1.11	1.0541	.003	1
S4	5.0000	5.0234	.023	.469	2.1393	.005	1
S5	10.000	10.023	.023	.231	4.2660	.012	1



Li 670.784 { 50}

Date of Fit: 7/11/2017 14:17:47

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001163

Re-Slope: 1.000000

A1 (Gain): 1.822389

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999516

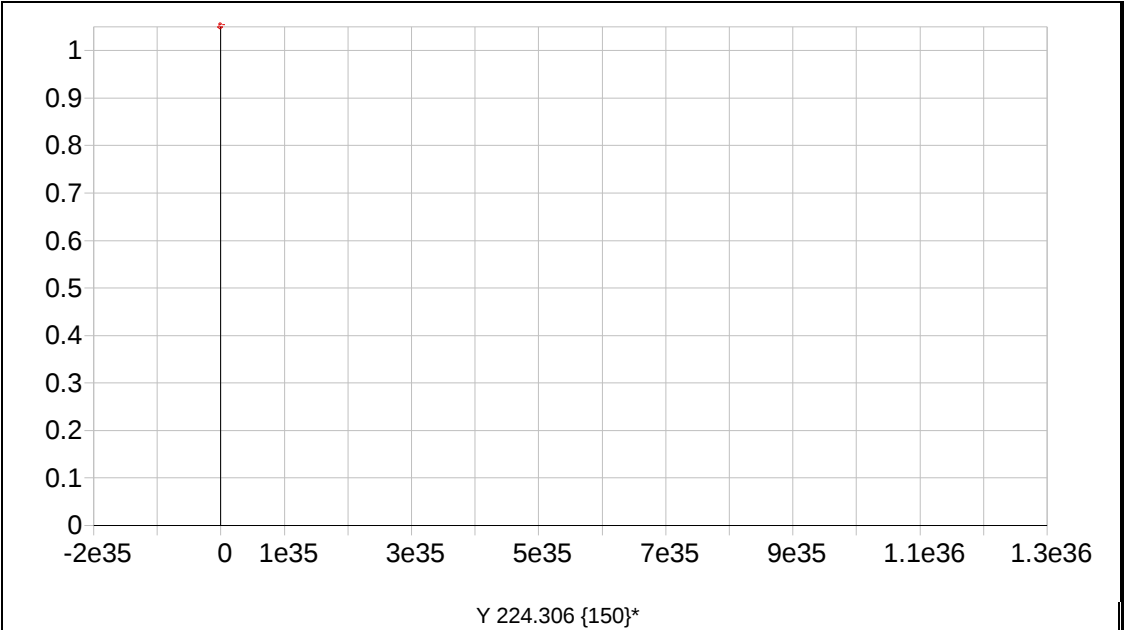
Status: OK.

Std Error of Est: 0.002128

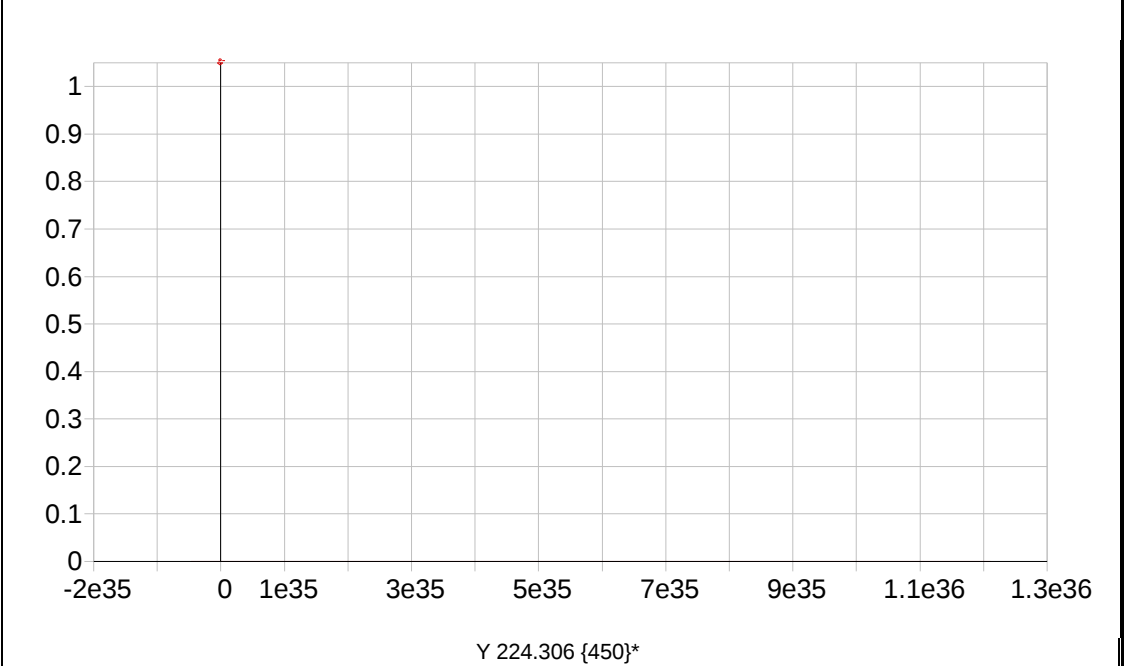
Predicted MDL: 0.000635

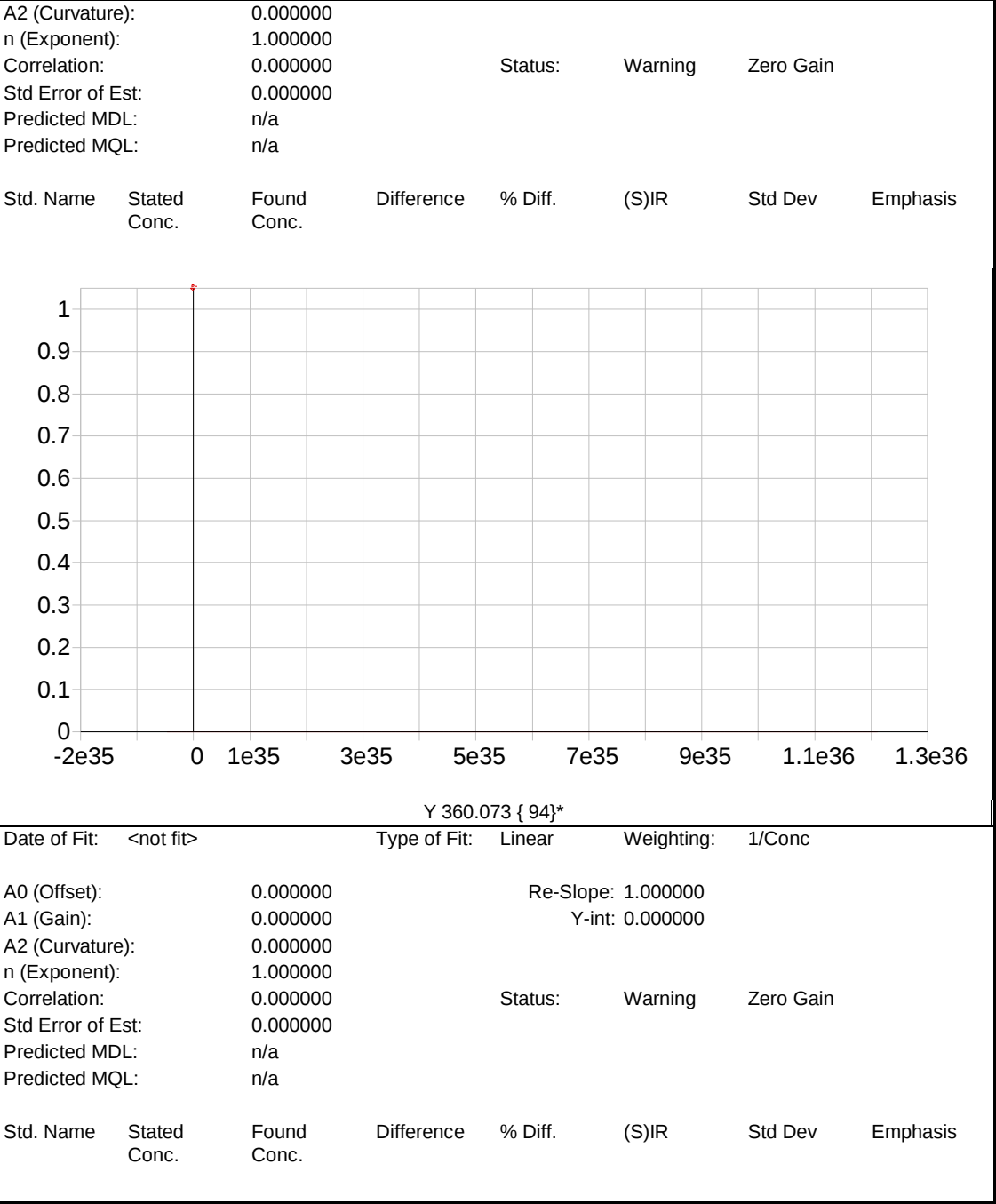
Predicted MQL: 0.002118

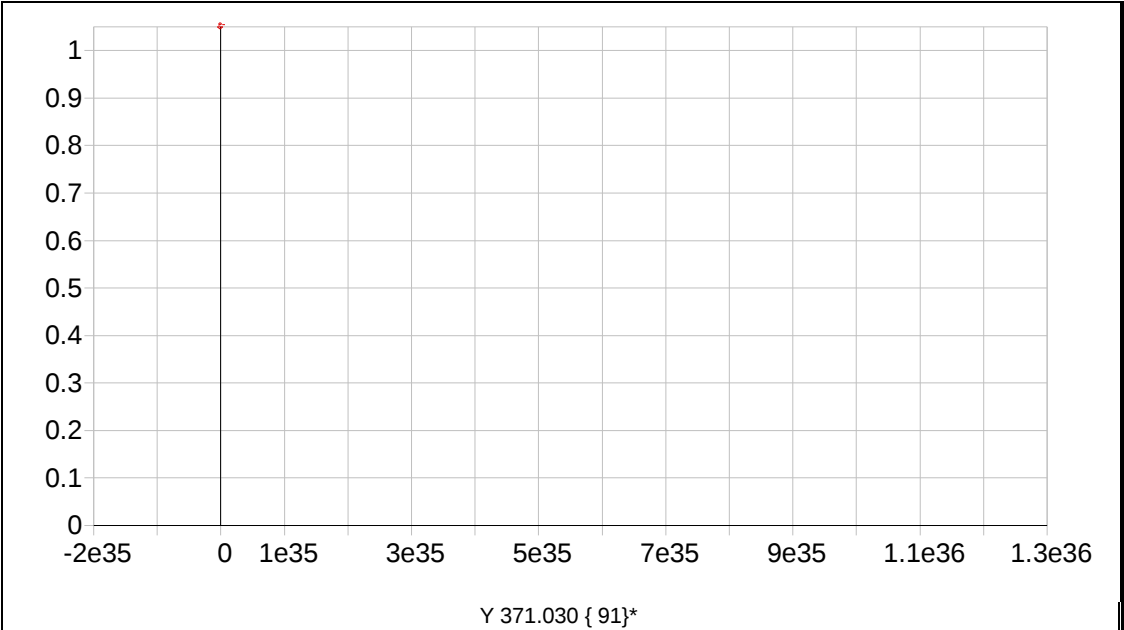
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00117	.001	1
S5	10.000	10.252	.252	2.52	18.685	.081	1
S4	5.0000	4.9541	-.046	-.918	9.0295	.016	1
S3	2.5000	2.3756	-.124	-4.98	4.3304	.023	1
S2	1.2500	1.1697	-.080	-6.42	2.1329	.007	1
S1	.05000	.04827	-.002	-3.46	.08913	.002	1



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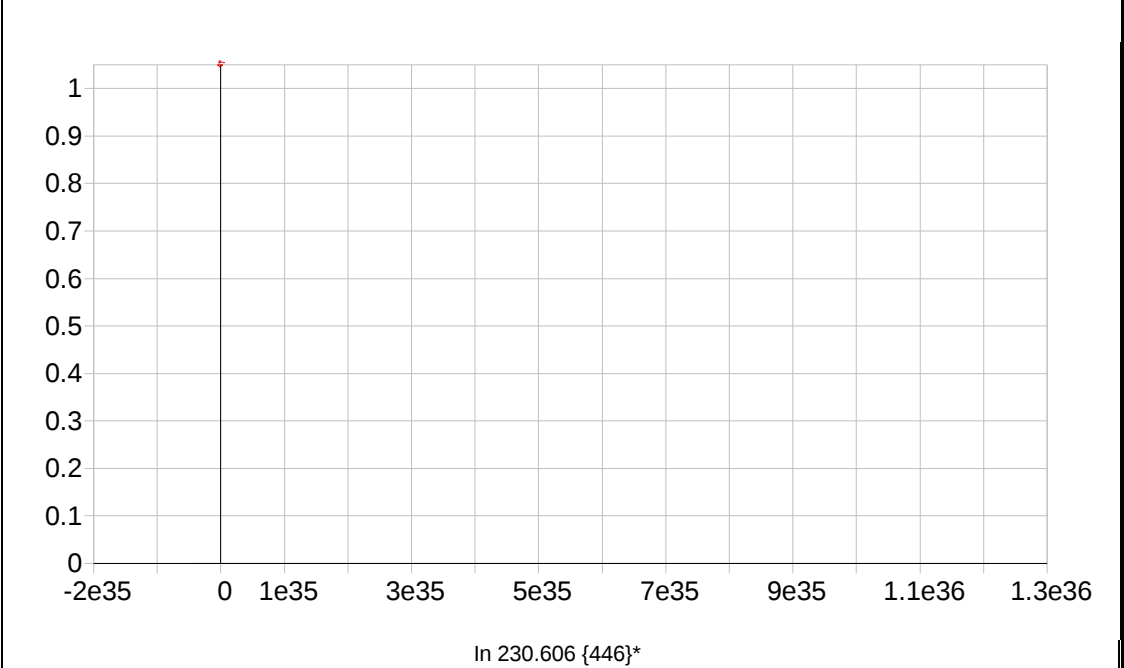




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

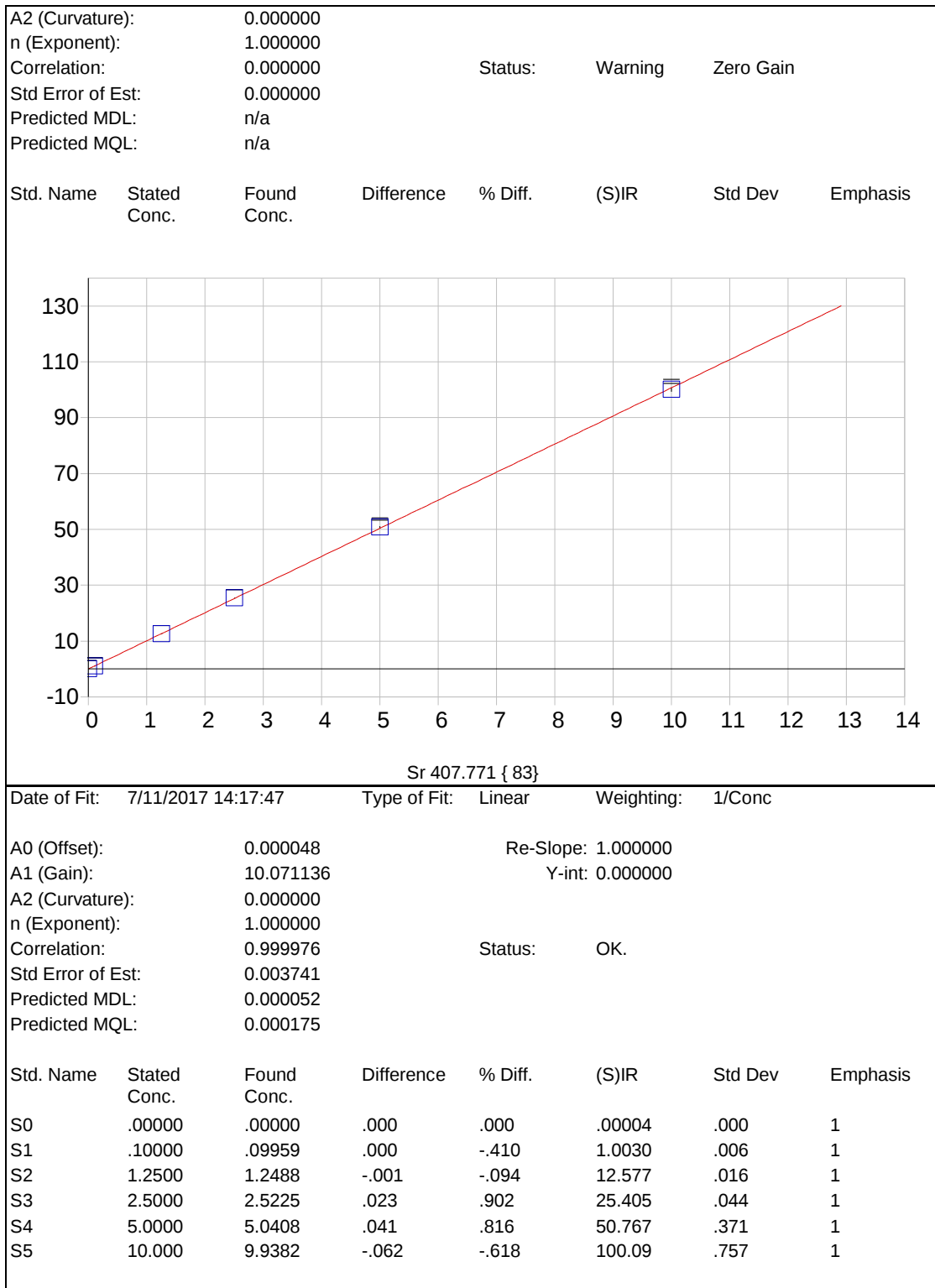
A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.000000 Status: Warning Zero Gain
Std Error of Est: 0.000000
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000000 Re-Slope: 1.000000
A1 (Gain): 0.000000 Y-int: 0.000000



Sample Name: S0 Acquired: 7/11/2017 13:53:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	-.00033	-.00025	.00029	.00038	-.00014	.00111	-.02040	-.00250
Stddev	.00006	.00007	.00008	.00004	.00007	.00038	.00098	.00019
%RSD	18.775	27.256	25.838	11.702	48.005	34.619	4.8262	7.6943

#1	-.00039	-.00020	.00033	.00041	-.00020	.00146	-.02150	-.00261
#2	-.00032	-.00033	.00021	.00040	-.00007	.00070	-.02009	-.00228
#3	-.00026	-.00023	.00035	.00032	-.00014	.00115	-.01961	-.00261

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	.00005	.00159	.00005	-.00034	.00151	.00034	.00015	-.00006
Stddev	.00006	.00003	.00000	.00006	.00027	.00015	.00003	.00010
%RSD	138.81	1.7809	3.8352	17.842	17.857	44.265	20.065	175.39

#1	.00002	.00162	.00005	-.00032	.00166	.00021	.00012	.00005
#2	.00000	.00159	.00005	-.00041	.00167	.00050	.00015	-.00007
#3	.00012	.00157	.00005	-.00029	.00120	.00030	.00018	-.00016

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	-.00094	-.00031	-.00538	-.00023	-.00054	.00057	-.00081	.00268
Stddev	.00014	.00005	.00068	.00027	.00079	.00043	.00005	.00013
%RSD	14.555	15.441	12.718	120.17	145.40	75.504	6.1625	4.7035

#1	-.00097	-.00028	-.00487	.00006	-.00132	.00105	-.00086	.00254
#2	-.00079	-.00029	-.00616	-.00026	.00025	.00023	-.00076	.00272
#3	-.00106	-.00036	-.00510	-.00049	-.00056	.00042	-.00080	.00279

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	.00048	.00005	.00103	.00003	.00247	.00117	.00004	
Stddev	.00017	.00003	.00041	.00007	.00026	.00094	.00042	
%RSD	34.956	67.026	39.538	214.41	10.658	80.089	1003.0	

#1	.00067	.00001	.00099	.00010	.00221	.00195	.00043	
#2	.00045	.00007	.00064	.00003	.00274	.00013	.00011	
#3	.00033	.00005	.00145	-.00004	.00246	.00144	-.00041	

Sample Name: S0 Acquired: 7/11/2017 13:53:27 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	1383.5	1996.9	54824.	6303.8	3826.3
Stddev	7.0	10.3	62.	28.3	10.8
%RSD	.50298	.51580	.11311	.44876	.28125
#1	1378.1	2004.0	54891.	6294.4	3833.3
#2	1381.0	2001.7	54770.	6335.6	3831.8
#3	1391.4	1985.1	54811.	6281.4	3813.9

Sample Name: S1 Acquired: 7/11/2017 13:57:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.00023	.00136	.00179	.00213	.01113	.01780	.97713	.01790
Stddev	.00007	.00005	.00006	.00021	.00045	.00105	.00503	.00023
%RSD	28.355	3.6023	3.2859	9.9731	4.0038	5.9032	.51434	1.2794

#1	.00016	.00131	.00176	.00234	.01159	.01871	.97177	.01809
#2	.00023	.00141	.00175	.00215	.01071	.01665	.97788	.01797
#3	.00030	.00136	.00186	.00191	.01109	.01803	.98174	.01764

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	.00549	.21410	.00106	.02244	.00706	.00165	.00455	.02980
Stddev	.00004	.00240	.00006	.00009	.00024	.00013	.00012	.00055
%RSD	.64441	1.1197	5.3553	.39163	3.4570	8.1654	2.6315	1.8506

#1	.00553	.21164	.00108	.02253	.00698	.00167	.00461	.02950
#2	.00546	.21424	.00110	.02242	.00733	.00177	.00463	.02946
#3	.00549	.21643	.00099	.02236	.00685	.00150	.00442	.03044

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	.01706	.00206	.04536	.00409	.00274	.18627	-.00037	.00630
Stddev	.00012	.00011	.00116	.00017	.00035	.00026	.00001	.00012
%RSD	.68144	5.2712	2.5669	4.1796	12.783	.14018	3.2248	1.9063

#1	.01719	.00210	.04407	.00420	.00241	.18634	-.00037	.00621
#2	.01699	.00215	.04567	.00418	.00271	.18598	-.00037	.00626
#3	.01699	.00194	.04634	.00389	.00311	.18648	-.00035	.00644

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	.00702	.00166	.03945	.00054	.04469	.08913	1.0030	
Stddev	.00012	.00004	.00065	.00002	.00031	.00188	.0057	
%RSD	1.7670	2.6356	1.6575	3.2918	.70425	2.1089	.56691	

#1	.00688	.00161	.04020	.00055	.04477	.08806	.99694	
#2	.00707	.00170	.03908	.00055	.04495	.08803	1.0040	
#3	.00711	.00166	.03906	.00052	.04434	.09130	1.0082	

Sample Name: S1 Acquired: 7/11/2017 13:57:39 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	1369.9	1975.3	53950.	6305.6	3710.8
Stddev	6.4	4.8	162.	20.8	1.8
%RSD	.46986	.24387	.30021	.32940	.04857
#1	1377.2	1979.7	54134.	6296.3	3708.7
#2	1367.1	1976.1	53888.	6329.3	3711.7
#3	1365.3	1970.2	53829.	6291.0	3711.9

Sample Name: S2 Acquired: 7/11/2017 14:01:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.05603	.07540	.91094	.06414	.22419	3.3272	13.586	.50868
Stddev	.00017	.00025	.00237	.00012	.00042	.0069	.049	.00174
%RSD	.29615	.33462	.26011	.18849	.18688	.20861	.35914	.34240

#1	.05592	.07515	.91067	.06401	.22453	3.3248	13.595	.51016
#2	.05595	.07539	.90872	.06424	.22373	3.3218	13.533	.50677
#3	.05622	.07565	.91343	.06417	.22432	3.3351	13.629	.50912

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	.66410	2.6146	.36193	.32453	.80932	.51933	1.0972	.36936
Stddev	.00151	.0083	.00698	.00094	.00155	.00050	.0032	.00024
%RSD	.22790	.31572	1.9287	.28953	.19144	.09653	.29047	.06486

#1	.66427	2.6228	.36393	.32518	.80838	.51991	1.1001	.36963
#2	.66250	2.6148	.35417	.32345	.80847	.51898	1.0976	.36929
#3	.66552	2.6063	.36770	.32496	.81111	.51911	1.0938	.36917

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	.31345	.07184	.36124	.05364	.23542	1.4003	.03859	.49385
Stddev	.00102	.00152	.00336	.00019	.00470	.0045	.00027	.00294
%RSD	.32563	2.1181	.92985	.35184	1.9968	.32239	.70673	.59611

#1	.31395	.07201	.36381	.05345	.23546	1.3996	.03829	.49489
#2	.31228	.07023	.35744	.05364	.23070	1.3963	.03864	.49052
#3	.31413	.07326	.36247	.05383	.24010	1.4052	.03883	.49613

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	.77174	.02321	.50553	.09247	.52653	2.1329	12.577	
Stddev	.00202	.00019	.00355	.00014	.00058	.0074	.016	
%RSD	.26172	.82319	.70292	.15461	.11015	.34602	.12995	

#1	.76958	.02309	.50733	.09237	.52675	2.1355	12.581	
#2	.77359	.02310	.50143	.09241	.52587	2.1245	12.559	
#3	.77206	.02343	.50782	.09264	.52696	2.1386	12.592	

Sample Name: S2 Acquired: 7/11/2017 14:01:50 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	1283.2	1854.8	50433.	6073.2	3167.6
Stddev	29.1	2.0	1012.	7.6	5.8
%RSD	2.2674	.10707	2.0056	.12438	.18176
#1	1283.1	1854.0	50183.	6064.8	3166.1
#2	1312.3	1857.0	51546.	6079.4	3173.9
#3	1254.1	1853.3	49570.	6075.6	3162.7

Sample Name: S3 Acquired: 7/11/2017 14:05:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.11480	.14934	1.8518	.12959	.45485	6.7650	27.484	1.0225
Stddev	.00028	.00086	.0121	.00036	.00178	.0216	.110	.0040
%RSD	.24091	.57337	.65385	.27840	.39042	.31998	.40154	.39588

#1	.11450	.14876	1.8378	.12940	.45287	6.7854	27.589	1.0270
#2	.11484	.15032	1.8585	.13001	.45540	6.7423	27.369	1.0215
#3	.11505	.14894	1.8590	.12937	.45629	6.7673	27.494	1.0191

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	1.3636	5.2658	.71264	.66744	1.6343	1.0314	2.1810	.75410
Stddev	.0121	.0221	.00187	.00426	.0069	.0033	.0097	.00396
%RSD	.89052	.41905	.26291	.63844	.42055	.31709	.44626	.52460

#1	1.3500	5.2830	.71370	.66253	1.6401	1.0332	2.1899	.75728
#2	1.3675	5.2409	.71375	.66965	1.6267	1.0277	2.1706	.74967
#3	1.3734	5.2734	.71048	.67015	1.6362	1.0335	2.1825	.75535

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	.63886	.14736	.73347	.10797	.48964	2.8569	.08287	.98912
Stddev	.00431	.00040	.00252	.00050	.00243	.0080	.00062	.00455
%RSD	.67481	.27199	.34304	.46624	.49662	.27863	.75264	.46024

#1	.63397	.14746	.73549	.10855	.48749	2.8631	.08244	.99437
#2	.64047	.14771	.73065	.10763	.49228	2.8479	.08358	.98622
#3	.64213	.14692	.73426	.10773	.48916	2.8597	.08258	.98678

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	1.5388	.04908	1.0009	.19059	1.0541	4.3304	25.405	
Stddev	.0112	.00032	.0019	.00112	.0032	.0233	.044	
%RSD	.72575	.65649	.18582	.58893	.30741	.53920	.17471	

#1	1.5260	.04874	1.0030	.18933	1.0568	4.3547	25.437	
#2	1.5460	.04938	.99939	.19147	1.0505	4.3081	25.354	
#3	1.5446	.04910	1.0004	.19097	1.0549	4.3285	25.424	

Sample Name: S3 Acquired: 7/11/2017 14:05:46 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	1240.0	1794.4	49164.	6000.5	2942.5
Stddev	3.8	8.4	58.	14.4	13.8
%RSD	.30764	.46723	.11782	.24068	.46931
#1	1244.3	1803.7	49171.	5984.2	2957.8
#2	1237.1	1792.0	49103.	6011.9	2939.0
#3	1238.6	1787.4	49218.	6005.3	2930.8

Sample Name: S4 Acquired: 7/11/2017 14:09:38 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.23667	.29138	3.6985	.26238	.93807	14.095	55.732	2.0680
Stddev	.00067	.00113	.0075	.00071	.00410	.024	.757	.0075
%RSD	.28423	.38629	.20131	.26981	.43664	.17025	1.3583	.36230

#1	.23703	.29260	3.6971	.26159	.93818	14.095	56.164	2.0703
#2	.23589	.29038	3.6918	.26296	.93393	14.118	56.173	2.0741
#3	.23709	.29116	3.7065	.26258	.94212	14.070	54.858	2.0597

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7493	10.832	1.3979	1.3565	3.3356	2.0622	4.3777	1.5493
Stddev	.0020	.036	.0022	.0034	.0068	.0093	.0122	.0028
%RSD	.07360	.32898	.15783	.24774	.20455	.45084	.27822	.18140

#1	2.7476	10.816	1.3961	1.3570	3.3434	2.0604	4.3700	1.5512
#2	2.7515	10.873	1.3973	1.3530	3.3305	2.0723	4.3917	1.5507
#3	2.7489	10.808	1.4004	1.3597	3.3330	2.0539	4.3714	1.5461

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	1.2859	.31203	1.5178	.21716	1.0364	5.9067	.17630	1.9528
Stddev	.0022	.00058	.0013	.00064	.0020	.0081	.00091	.0099
%RSD	.17408	.18472	.08465	.29403	.19374	.13723	.51436	.50546

#1	1.2861	.31202	1.5191	.21754	1.0341	5.9037	.17735	1.9530
#2	1.2836	.31145	1.5178	.21751	1.0375	5.9158	.17575	1.9626
#3	1.2880	.31261	1.5166	.21642	1.0376	5.9005	.17580	1.9429

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	3.0560	.10397	1.9836	.38741	2.1393	9.0295	50.767	
Stddev	.0054	.00017	.0114	.00032	.0050	.0163	.371	
%RSD	.17556	.16190	.57692	.08147	.23264	.18026	.72984	

#1	3.0551	.10416	1.9807	.38753	2.1353	9.0417	50.737	
#2	3.0512	.10384	1.9962	.38765	2.1449	9.0110	51.152	
#3	3.0618	.10390	1.9739	.38706	2.1377	9.0357	50.412	

Sample Name: S4 Acquired: 7/11/2017 14:09:38 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	1159.5	1687.6	46679.	5822.0	2660.8
Stddev	4.9	8.8	43.	29.1	12.5
%RSD	.41904	.52243	.09144	.50038	.46973
#1	1165.0	1686.7	46635.	5820.4	2656.4
#2	1157.8	1696.9	46721.	5793.7	2674.9
#3	1155.7	1679.3	46679.	5851.9	2651.0

Sample Name: S5 Acquired: 7/11/2017 14:13:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.48848	.55914	7.3559	.53026	1.9528	29.198	111.09	4.1977
Stddev	.00171	.00410	.0215	.00236	.0083	.085	.67	.0281
%RSD	.35049	.73380	.29250	.44506	.42620	.29079	.60711	.66867

#1	.48769	.55931	7.3546	.52847	1.9434	29.121	110.44	4.2032
#2	.48730	.55496	7.3351	.52937	1.9557	29.289	111.78	4.2225
#3	.49044	.56316	7.3781	.53293	1.9593	29.185	111.05	4.1672

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	5.4566	21.761	2.6927	2.7245	6.8570	4.0450	8.5864	3.1160
Stddev	.0175	.049	.0192	.0088	.0192	.0054	.0197	.0079
%RSD	.32077	.22562	.71210	.32265	.27985	.13399	.22903	.25415

#1	5.4596	21.704	2.7050	2.7231	6.8391	4.0411	8.5690	3.1091
#2	5.4378	21.795	2.7025	2.7165	6.8773	4.0512	8.6077	3.1247
#3	5.4724	21.783	2.6706	2.7339	6.8545	4.0427	8.5823	3.1143

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5453	.66599	3.0971	.43188	2.1627	12.211	.36985	3.7562
Stddev	.0096	.00352	.0153	.00142	.0254	.016	.00388	.0124
%RSD	.37556	.52812	.49421	.32849	1.1728	.13016	1.0491	.32964

#1	2.5438	.66847	3.0813	.43064	2.1415	12.199	.36999	3.7684
#2	2.5366	.66753	3.1118	.43343	2.1558	12.205	.36590	3.7566
#3	2.5556	.66196	3.0982	.43158	2.1908	12.229	.37365	3.7437

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	6.0214	.21556	3.9222	.77516	4.2660	18.685	100.09	
Stddev	.0204	.00123	.0208	.00340	.0121	.081	.76	
%RSD	.33796	.56893	.53032	.43921	.28398	.43139	.75634	

#1	6.0067	.21504	3.9300	.77460	4.2565	18.592	100.94	
#2	6.0129	.21468	3.9380	.77208	4.2797	18.740	99.849	
#3	6.0446	.21696	3.8987	.77882	4.2619	18.722	99.481	

Sample Name: S5 Acquired: 7/11/2017 14:13:47 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	1065.0	1538.7	44092.	5626.8	2324.5
Stddev	11.3	6.0	93.	11.1	6.7
%RSD	1.0600	.38778	.21150	.19806	.28791
#1	1070.5	1545.4	43996.	5622.8	2330.0
#2	1072.5	1536.7	44098.	5618.1	2326.5
#3	1052.0	1534.0	44182.	5639.3	2317.1

Sample Name: S6 Acquired: 7/11/2017 14:17:51 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	73.970	33.797	10.284	4.7479	8.0497
Stddev	.296	.071	.017	.0076	.0414
%RSD	.39969	.20911	.16104	.15903	.51467

#1	73.845	33.866	10.302	4.7558	8.0929
#2	74.307	33.724	10.269	4.7407	8.0460
#3	73.757	33.801	10.282	4.7474	8.0103

Int. Std.	Y_3710
Units	Cts/S
Avg	5463.1
Stddev	11.6
%RSD	.21158

#1	5450.4
#2	5473.0
#3	5465.8

Sample Name: ICV Acquired: 7/11/2017 14:33:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.9397562	1.050348	.9720949	.9374540	.9633936	2.288389
Stddev	.0031398	.006160	.0042882	.0026264	.0013869	.005114
%RSD	.3341050	.5864890	.4411271	.2801575	.1439604	.2234663

#1	.9361378	1.056774	.9763103	.9396672	.9646866	2.283218
#2	.9413690	1.044494	.9677375	.9381428	.9635654	2.288507
#3	.9417618	1.049777	.9722369	.9345518	.9619288	2.293443

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4625050	.4973495	.4531447	9.596317	.5269750	.5472836
Stddev	.0008663	.0034482	.0004173	.049797	.0024837	.0020184
%RSD	.1873140	.6933222	.0920896	.5189211	.4713116	.3688061

#1	.4631087	.5004599	.4536243	9.619863	.5269486	.5495493
#2	.4615123	.4936416	.4529452	9.539113	.5294718	.5466241
#3	.4628939	.4979471	.4528646	9.629974	.5245047	.5456775

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4742411	5.259781	.4997891	5.623069	.4747318	.4750152
Stddev	.0043105	.007174	.0018401	.019925	.0008925	.0022879
%RSD	.9089209	.1363905	.3681838	.3543456	.1879946	.4816540

#1	.4711662	5.266347	.5007318	5.641886	.4757336	.4751355
#2	.4723891	5.260871	.5009669	5.625128	.4744399	.4726695
#3	.4791681	5.252124	.4976686	5.602195	.4740218	.4772406

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.515469	.4549266	1.064793	9.748321	F -.010030	F -.011494
Stddev	.066320	.0044570	.012428	.052953	.000831	.001126
%RSD	.6969732	.9797139	1.167166	.5432006	8.288215	9.795981

#1	9.469924	.4598087	1.050702	9.689124	-.010969	-.010785
#2	9.484926	.4510754	1.074191	9.764660	-.009390	-.010906
#3	9.591558	.4538957	1.069487	9.791178	-.009730	-.012793

Sample Name: ICV Acquired: 7/11/2017 14:33:16 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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 -.000924	-.001315	.0013745	F -.000458	-.001506	-.000388
Stddev	.000130	.001800	.0004408	.000276	.000396	.000356
%RSD	14.07117	136.9191	32.06613	60.20584	26.32210	91.72101

#1	-.001055	-.001102	.0013993	-.000760	-.001963	-.000189
#2	-.000795	-.003212	.0009219	-.000398	-.001287	-.000800
#3	-.000923	.000370	.0018024	-.000218	-.001267	-.000176

Elem	Sr4077
Units	ppm
Avg	.0105778
Stddev	.0000337
%RSD	.3187371

#1	.0106138
#2	.0105470
#3	.0105724

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1337.065	1931.537	52814.89	6273.317	3594.655
Stddev	5.598	2.963	96.10	31.708	5.153
%RSD	.4186547	.1533829	.1819493	.5054351	.1433449

#1	1337.635	1934.799	52858.08	6246.882	3590.304
#2	1342.356	1929.013	52881.82	6308.472	3600.345
#3	1331.204	1930.799	52704.78	6264.596	3593.316

Sample Name: ICB Acquired: 7/11/2017 14:40:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.0009526	.0009293	-.000964	-.001262	.0000269	-.005918	-.000358
Stddev	.0018523	.0008749	.000759	.002274	.0018412	.003877	.000181
%RSD	194.4548	94.14348	78.72367	180.2164	6838.765	65.50681	50.48153

#1	-.001039	-.000036	-.001025	-.002052	.0006200	-.005049	-.000564
#2	.002624	.001153	-.001690	-.003034	-.002038	-.002550	-.000227
#3	.001273	.001671	-.000176	.001302	.001499	-.010156	-.000282

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000704	-.000061	-.025354	-.000783	-.000236	-.001567	-.019907
Stddev	.0000306	.000122	.007953	.000464	.000214	.001070	.009407
%RSD	43.39730	198.1726	31.36962	59.21748	90.72604	68.30969	47.25758

#1	.0000428	-.000137	-.016185	-.000557	-.000445	-.002788	-.030339
#2	.0001033	.000079	-.029490	-.001317	-.000244	-.001123	-.017313
#3	.0000652	-.000127	-.030387	-.000476	-.000018	-.000790	-.012068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000728	-.013262	-.000122	.0019382	.0400280	.0011714	.0005224
Stddev	.000151	.012949	.000065	.0004273	.0758615	.0005799	.0038941
%RSD	20.77222	97.63320	53.55359	22.04549	189.5211	49.50165	745.3778

#1	-.000902	-.027614	-.000055	.0023359	-.003348	.0008264	.0038605
#2	-.000655	-.002455	-.000124	.0014865	.127624	.0018409	-.003756
#3	-.000628	-.009718	-.000186	.0019923	-.004192	.0008469	.001463

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015685	-.001095	-.001210	-.000366	.0003649	-.001082	-.000802
Stddev	.028123	.001088	.000604	.000232	.0013777	.000422	.001426
%RSD	179.2976	99.33761	49.93867	63.35972	377.5248	38.95525	177.8232

#1	.005945	.000030	-.000599	-.000102	-.001082	-.001509	-.001984
#2	-.005524	-.002141	-.001807	-.000538	.000516	-.000666	-.001203
#3	-.047476	-.001173	-.001223	-.000457	.001661	-.001072	.000782

Sample Name: ICB Acquired: 7/11/2017 14:40:30 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	-.001386	-.000253	-.000253
Stddev	.000265	.000646	.000043
%RSD	19.14280	254.7141	16.90877

#1	-.001522	-.000540	-.000291
#2	-.001557	.000486	-.000207
#3	-.001081	-.000706	-.000261

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1360.504	1977.193	54334.23	6315.302	3812.093
Stddev	4.554	.916	112.58	7.940	2.759
%RSD	.3347598	.0463200	.2071968	.1257266	.0723705

#1	1360.288	1978.233	54336.57	6313.653	3814.607
#2	1365.162	1976.840	54445.62	6323.938	3812.531
#3	1356.061	1976.507	54220.49	6308.317	3809.142

Sample Name: ICSA Acquired: 7/11/2017 14:44:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.0051946	-.014212	.0029331	-.022083	.0030487	240.4937
Stddev	.0026976	.001870	.0042915	.002041	.0025496	.6371
%RSD	51.93016	13.15688	146.3100	9.241654	83.62852	.2649104

#1	.0024404	-.012149	.0025608	-.024205	.0003266	240.2876
#2	.0053118	-.014690	.0073987	-.021910	.0034386	241.2084
#3	.0078317	-.015796	-.001160	-.020135	.0053808	239.9852

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045857	.0007580	.0055117	240.2970	.0472676	.0005806
Stddev	.0000581	.0000953	.0003280	1.9493	.0005538	.0003326
%RSD	1.268088	12.57550	5.951200	.8112059	1.171619	57.27603

#1	.0046528	.0006970	.0057337	240.4622	.0467159	.0008634
#2	.0045537	.0007092	.0056664	242.1584	.0478235	.0006643
#3	.0045505	.0008679	.0051349	238.2703	.0472634	.0002142

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0214690	102.4454	.0128650	252.8705	.0022756	-.000562
Stddev	.0006244	.5336	.0003785	1.1464	.0006889	.000209
%RSD	2.908340	.5208248	2.942199	.4533550	30.27218	37.18461

#1	.0220293	102.3970	.0130838	253.2240	.0030710	-.000342
#2	.0215818	103.0015	.0130834	253.7985	.0018710	-.000758
#3	.0207959	101.9376	.0124280	251.5889	.0018847	-.000587

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4468592	.0042523	.0064431	.4763396	-.011530	F -.241984
Stddev	.0370872	.0048806	.0150353	.0313004	.002333	.001397
%RSD	8.299521	114.7763	233.3568	6.571020	20.23205	.5771065

#1	.4259390	.0090066	.0183683	.4788674	-.012003	-.243520
#2	.4896801	-.000745	-.010447	.5062994	-.013590	-.241640
#3	.4249586	.004496	.011408	.4438520	-.008997	-.240792

Sample Name: ICSA Acquired: 7/11/2017 14:44:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	-.000635	.0252244	.0052533	-.001463	-.000260	.0035482
Stddev	.000248	.0041900	.0007114	.001868	.000303	.0006466
%RSD	39.06032	16.61085	13.54151	127.6584	116.6533	18.22285

#1	-.000779	.0273487	.0060007	-.002682	-.000069	.0041548
#2	-.000779	.0279268	.0045845	.000687	-.000102	.0028680
#3	-.000349	.0203978	.0051748	-.002394	-.000610	.0036217

Elem	Sr4077
Units	ppm
Avg	.0945726
Stddev	.0002261
%RSD	.2390829

#1	.0943801
#2	.0948216
#3	.0945161

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1214.339	1804.715	47572.80	5843.156	2910.222
Stddev	8.935	52.708	141.32	43.804	84.220
%RSD	.7357723	2.920569	.2970584	.7496555	2.893937

#1	1209.131	1767.758	47476.19	5815.330	2854.159
#2	1209.231	1781.316	47507.23	5820.491	2869.436
#3	1224.656	1865.071	47735.00	5893.649	3007.070

Sample Name: ICSAB Acquired: 7/11/2017 15:00:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.0988056	.0989484	.0527093	.0190510	.5922591	238.5325
Stddev	.0016122	.0036458	.0004918	.0018904	.0011685	15.8240
%RSD	1.631708	3.684575	.9330096	9.922560	.1973008	6.633907

#1	.1004965	.0979347	.0527414	.0208802	.5934490	220.9505
#2	.0972857	.1029938	.0531842	.0171050	.5922150	251.6310
#3	.0986346	.0959167	.0522022	.0191679	.5911132	243.0159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4409203	.4353422	.9588555	238.2706	.5528364	.4256669
Stddev	.0303381	.0234852	.0025917	16.2709	.0048290	.0007566
%RSD	6.880631	5.394652	.2702956	6.828753	.8734875	.1777319

#1	.4074620	.4094127	.9575124	220.0396	.5583805	.4249635
#2	.4666387	.4551845	.9572109	251.3189	.5495486	.4255701
#3	.4486601	.4414293	.9618431	243.4532	.5505801	.4264672

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4974608	101.7128	.5066467	250.5906	.8557774	.1782166
Stddev	.0376238	7.1839	.0368902	16.9867	.0028342	.0008380
%RSD	7.563172	7.062971	7.281252	6.778666	.3311843	.4702189

#1	.4566808	93.6761	.4656473	231.7496	.8552165	.1773875
#2	.5308236	107.5109	.5371550	264.7345	.8532656	.1790633
#3	.5048782	103.9514	.5171379	255.2877	.8588501	.1781991

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4272091	.4455620	.9323023	-.022266	-.025455	F -.247382
Stddev	.1688426	.0294511	.0159175	.006640	.004077	.013656
%RSD	39.52223	6.609869	1.707332	29.82137	16.01464	5.520198

#1	.2946007	.4118779	.9141194	-.024681	-.024630	-.232855
#2	.3697432	.4664539	.9437184	-.027360	-.029881	-.259957
#3	.6172835	.4583542	.9390690	-.014756	-.021854	-.249333

Sample Name: ICSAB Acquired: 7/11/2017 15:00:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	-.001121	.0144672	-.002153	-.004948	-.001939	.0014177
Stddev	.000191	.0019406	.000253	.000827	.000373	.0003739
%RSD	17.08350	13.41359	11.76273	16.70581	19.23167	26.37259

#1	-.001324	.0165377	-.002099	-.005750	-.002274	.0013536
#2	-.001096	.0141739	-.001930	-.004994	-.001537	.0010800
#3	-.000943	.0126900	-.002428	-.004099	-.002007	.0018194

Elem	Sr4077
Units	ppm
Avg	.0933262
Stddev	.0060664
%RSD	6.500211

#1	.0866689
#2	.0985421
#3	.0947677

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1204.497	1741.976	47722.54	5997.842	2859.435
Stddev	6.251	5.201	45.40	352.544	5.472
%RSD	.5189564	.2985479	.0951372	5.877845	.1913614

#1	1211.657	1736.221	47750.05	6390.672	2854.262
#2	1200.130	1743.368	47670.13	5708.958	2865.164
#3	1201.704	1746.339	47747.43	5893.896	2858.879

Sample Name: CCV090 Acquired: 7/11/2017 15:04:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.909070	4.698856	23.99926	4.790472	4.909481	401.3625
Stddev	.023743	.026333	.06746	.017019	.025449	1.7147
%RSD	.4836649	.5604187	.2810892	.3552645	.5183699	.4272138

#1	4.886648	4.676427	24.01537	4.780005	4.887684	399.3956
#2	4.906618	4.692291	23.92520	4.781302	4.903309	402.5423
#3	4.933944	4.727851	24.05720	4.810109	4.937448	402.1496

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.919748	.4849212	2.478452	400.7988	14.95279	2.459073
Stddev	.045856	.0031576	.003880	2.1974	.04679	.005097
%RSD	.4622725	.6511486	.1565374	.5482442	.3129077	.2072592

#1	9.919395	.4830043	2.478165	398.3518	14.98965	2.459186
#2	9.874069	.4831937	2.474724	401.4413	14.90015	2.453921
#3	9.965779	.4885656	2.482467	402.6033	14.96858	2.464112

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.08947	404.2412	14.61365	402.9633	2.439639	1.284036
Stddev	.04978	2.2276	.07392	2.2283	.004681	.000287
%RSD	.3299002	.5510503	.5058441	.5529757	.1918681	.0223631

#1	15.03679	401.8087	14.53488	400.6246	2.440607	1.284302
#2	15.13573	404.7334	14.62456	403.2036	2.434550	1.283732
#3	15.09589	406.1815	14.68152	405.0617	2.443761	1.284074

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.4289	2.414776	14.94903	150.5663	4.992855	F 4.140769
Stddev	1.9269	.011141	.20656	.8741	.046370	.027379
%RSD	.4800156	.4613770	1.381764	.5805206	.9287294	.6612054

#1	399.4054	2.402054	14.83095	149.5621	4.955507	4.123585
#2	403.2419	2.419480	15.18754	151.1558	4.978302	4.126379
#3	401.6394	2.422793	14.82859	150.9810	5.044756	4.172342

Sample Name: CCV090 Acquired: 7/11/2017 15:04:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.826281	4.928850	4.816630	4.839811	4.912510	5.058098
Stddev	.022921	.036210	.031322	.031053	.018819	.019257
%RSD	.4749143	.7346527	.6502860	.6416130	.3830751	.3807235

#1	4.809344	4.896648	4.801313	4.819840	4.891077	5.038309
#2	4.817138	4.921856	4.795914	4.824006	4.926326	5.059208
#3	4.852362	4.968047	4.852663	4.875587	4.920127	5.076776

Elem	Sr4077
Units	ppm
Avg	4.963052
Stddev	.001813
%RSD	.0365323

#1	4.964630
#2	4.961071
#3	4.963454

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1078.076	1587.813	43838.75	5664.308	2382.613
Stddev	10.003	4.813	159.96	21.341	9.261
%RSD	.9278681	.3031474	.3648926	.3767682	.3886871

#1	1079.084	1589.275	43763.97	5686.041	2377.484
#2	1067.607	1591.726	43729.87	5663.503	2393.304
#3	1087.537	1582.438	44022.41	5643.381	2377.051

Sample Name: CCB090 Acquired: 7/11/2017 15:15:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039154	.0001949	-.000881	-.001714	-.001064	-.008512	-.000521
Stddev	.0029699	.0010743	.000655	.001032	.000933	.004901	.000275
%RSD	75.85098	551.1907	74.34863	60.23450	87.68550	57.58225	52.78766

#1	.0073142	-.000967	-.000126	-.001152	-.001263	-.003195	-.000811
#2	.0018205	.001153	-.001213	-.002905	-.001880	-.012850	-.000490
#3	.0026115	.000398	-.001303	-.001084	-.000047	-.009490	-.000263

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000279	.0000460	-.013313	-.000840	.0000748	-.000275	-.024256
Stddev	.0000229	.0000714	.008523	.000112	.0001638	.001562	.006723
%RSD	82.10518	155.0797	64.01747	13.37985	218.9961	568.2682	27.71580

#1	.0000437	.0001253	-.018477	-.000928	-.000089	.001473	-.030822
#2	.0000384	.0000257	-.017986	-.000879	.000238	-.000761	-.024559
#3	.0000016	-.000013	-.003476	-.000713	.000076	-.001537	-.017387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000649	-.016252	-.000094	.0000499	.1472534	.0007227	.0007496
Stddev	.000376	.025593	.000170	.0001918	.0803901	.0041558	.0031381
%RSD	57.97627	157.4717	181.0912	384.4650	54.59301	575.0620	418.6152

#1	-.000928	-.045230	-.000260	.0002393	.1815165	.0003582	.0033210
#2	-.000221	.003256	.000080	-.000144	.0554084	.0050487	-.002747
#3	-.000797	-.006782	-.000101	.000055	.2048352	-.003239	.001675

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.017320	-.000172	-.001260	-.000322	.0042524	-.000976	-.000455
Stddev	.021073	.001622	.000578	.000029	.0017118	.000296	.000929
%RSD	121.6670	942.2818	45.91289	8.923184	40.25507	30.38815	204.3409

#1	.006070	-.000341	-.001557	-.000308	.0026611	-.000845	-.000899
#2	-.034824	-.001703	-.001629	-.000303	.0040326	-.001315	.000613
#3	-.023206	.001528	-.000593	-.000355	.0060635	-.000767	-.001078

Sample Name: CCB090 Acquired: 7/11/2017 15:15:38 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB090 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001146	-.000069	-.000261
Stddev	.000575	.000359	.000014
%RSD	50.18575	519.9761	5.368517

#1	-.000704	-.000479	-.000272
#2	-.001796	.000189	-.000245
#3	-.000938	.000083	-.000265

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1353.747	1972.954	54288.35	6322.889	3800.369
Stddev	8.170	6.035	65.90	108.591	8.413
%RSD	.6035148	.3059040	.1213913	1.717426	.2213745

#1	1357.236	1968.414	54364.31	6337.627	3792.228
#2	1359.594	1970.644	54254.39	6423.359	3799.848
#3	1344.412	1979.803	54246.35	6207.682	3809.030

Sample Name: I4046-01DLX10 Acquired: 7/11/2017 15:19:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100478	-.000119	.0346170	-.005918	.0011380	8.158963	.1197617
Stddev	.0025176	.000521	.0014963	.002845	.0007790	.080597	.0012770
%RSD	25.05588	435.7039	4.322525	48.06573	68.45566	.9878309	1.066241

#1	.0071541	.000168	.0354937	-.008321	.0008890	8.222989	.1207200
#2	.0112538	-.000720	.0354681	-.002777	.0020110	8.185441	.1202530
#3	.0117355	.000194	.0328893	-.006658	.0005139	8.068458	.1183121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005799	.0011572	89.73170	.0139288	.0029693	.0343426	12.69560
Stddev	.0000795	.0001375	.97795	.0005143	.0001420	.0019084	.07741
%RSD	13.70673	11.88195	1.089855	3.692302	4.780468	5.556945	.6097507

#1	.0005412	.0013073	90.47945	.0144306	.0028697	.0363516	12.77891
#2	.0006713	.0011270	90.09065	.0139529	.0031318	.0341224	12.68197
#3	.0005271	.0010373	88.62500	.0134029	.0029064	.0325539	12.62590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3601619	20.89528	.0114492	.0018195	4.768223	.0175546	.0839710
Stddev	.0036413	.23394	.0001392	.0002112	.106942	.0019973	.0078875
%RSD	1.011015	1.119575	1.216032	11.60924	2.242802	11.37773	9.393152

#1	.3616634	21.10626	.0112927	.0015851	4.864851	.0157090	.0871416
#2	.3628123	20.93588	.0115593	.0019950	4.786495	.0196752	.0749916
#3	.3560099	20.64370	.0114956	.0018784	4.653322	.0172797	.0897799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.181978	1.126543	.0107010	.0001352	.4327592	.5791326	-.003337
Stddev	.031185	.024608	.0011598	.0004231	.0072508	.0050478	.001332
%RSD	.7456980	2.184338	10.83850	312.8988	1.675472	.8716077	39.92395

#1	4.214399	1.108994	.0097649	-.000342	.4247907	.5824738	-.003932
#2	4.179338	1.115964	.0119985	.000466	.4345184	.5815980	-.001811
#3	4.152197	1.154671	.0103395	.000281	.4389686	.5733259	-.004267

Sample Name: I4046-01DLX10 Acquired: 7/11/2017 15:19:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MH0AB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2484619	.0507061	.2516639
Stddev	.0029512	.0005010	.0022838
%RSD	1.187796	.9880562	.9074964

#1	.2516614	.0511141	.2533315
#2	.2478780	.0508573	.2525993
#3	.2458462	.0501469	.2490609

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1285.119	1855.818	51373.69	6273.767	3316.017
Stddev	13.647	25.770	381.33	45.293	49.306
%RSD	1.061906	1.388602	.7422642	.7219454	1.486893

#1	1280.221	1868.918	51125.07	6235.119	3347.813
#2	1300.538	1872.407	51812.72	6262.576	3341.019
#3	1274.596	1826.130	51183.26	6323.607	3259.219

Sample Name: I3964-04A Acquired: 7/11/2017 15:24:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0681238	-.034176	.6548976	.0436921	.0044510	49.04897	.4972493
Stddev	.0073237	.002757	.0055227	.0033876	.0019884	.27207	.0035097
%RSD	10.75051	8.065925	.8432924	7.753287	44.67211	.5547004	.7058154

#1	.0609872	-.036106	.6485491	.0475103	.0033318	49.19119	.4999205
#2	.0677631	-.031019	.6585936	.0410469	.0067467	48.73526	.4932743
#3	.0756211	-.035402	.6575502	.0425192	.0032745	49.22046	.4985532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046030	.0254405	181.9448	.2048407	.0434352	.3857838	261.6868
Stddev	.0001375	.0004058	1.5963	.0026457	.0002477	.0003720	1.7520
%RSD	2.987109	1.594993	.8773762	1.291595	.5702602	.0964221	.6695156

#1	.0045526	.0251160	182.6134	.2027930	.0436061	.3861101	262.5280
#2	.0047586	.0253099	180.1229	.2039013	.0435483	.3858626	259.6728
#3	.0044978	.0258954	183.0981	.2078280	.0431511	.3853787	262.8595

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.25149	52.56018	.1312834	.0007800	2.086096	.1297203	2.885813
Stddev	.07210	.27298	.0014025	.0004108	.084693	.0008471	.017539
%RSD	.7033474	.5193667	1.068301	52.67523	4.059900	.6530610	.6077705

#1	10.28266	52.67043	.1297796	.0011267	1.995616	.1293132	2.896565
#2	10.16905	52.24932	.1315146	.0003262	2.163476	.1291536	2.865574
#3	10.30276	52.76080	.1325559	.0008871	2.099196	.1306942	2.895300

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.637399	3.563729	-.577141	.0092559	2.361258	10.48689	.0356911
Stddev	.031020	.023804	.002571	.0004660	.019458	.06415	.0007273
%RSD	.6689130	.6679573	.4454041	5.034425	.8240615	.6117099	2.037746

#1	4.644182	3.536251	-.578691	.0087320	2.340616	10.49624	.0363333
#2	4.603548	3.578051	-.574174	.0094116	2.363893	10.41858	.0349013
#3	4.664466	3.576886	-.578558	.0096240	2.379264	10.54585	.0358388

Sample Name: I3964-04A Acquired: 7/11/2017 15:24:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ME7FB4A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.369301	.0523719	.2449526
Stddev	.009027	.0005443	.0012210
%RSD	.6592404	1.039320	.4984655

#1	1.372806	.0525215	.2454215
#2	1.359047	.0517685	.2435666
#3	1.376050	.0528258	.2458696

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1224.918	1805.837	50717.76	6236.588	2965.679
Stddev	12.446	9.334	80.35	44.033	7.811
%RSD	1.016048	.5168966	.1584279	.7060410	.2633638

#1	1210.764	1796.810	50649.80	6201.076	2961.723
#2	1229.840	1815.451	50697.04	6285.857	2974.676
#3	1234.151	1805.249	50806.44	6222.831	2960.638

Sample Name: I3919-04 Acquired: 7/11/2017 15:28:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045713	.0013047	.0009632	.0023524	-.000387	.0314496	.0352190
Stddev	.0007730	.0013121	.0005945	.0036910	.000688	.0022045	.0001743
%RSD	16.90970	100.5629	61.71527	156.9021	177.9072	7.009521	.4948293

#1	.0045177	.0001930	.0002918	-.001287	-.001161	.0303131	.0351566
#2	.0053696	.0009692	.0011754	.006093	-.000153	.0300452	.0350845
#3	.0038264	.0027520	.0014225	.002250	.000154	.0339904	.0354158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001225	.0000732	57.48338	-.000384	-.001156	.0009891	3.415595
Stddev	.0000515	.0000253	.63588	.000126	.000222	.0002858	.033831
%RSD	42.06552	34.54092	1.106206	32.92640	19.19018	28.89319	.9904934

#1	.0001588	.0001024	58.21740	-.000351	-.000902	.0011876	3.451698
#2	.0001451	.0000577	57.10019	-.000277	-.001251	.0006615	3.384622
#3	.0000635	.0000596	57.13255	-.000523	-.001314	.0011180	3.410464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5261916	17.13550	.0016286	.0002561	62.22834	.0017604	.1241443
Stddev	.0053733	.13573	.0003096	.0002842	.49911	.0019824	.0066533
%RSD	1.021166	.7920812	19.01089	110.9880	.8020661	112.6076	5.359318

#1	.5322153	17.28982	.0019747	-.000062	62.80221	.0034495	.1235137
#2	.5218918	17.03467	.0015331	.000484	61.89542	-.000422	.1178287
#3	.5244677	17.08200	.0013779	.000347	61.98739	.002254	.1310904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.14849	.0289141	.0025141	.0060056	30.45541	4.008987	-.001444
Stddev	.10876	.0033068	.0005348	.0000962	.17884	.029814	.001149
%RSD	.8271988	11.43672	21.27408	1.601455	.5872036	.7436800	79.53453

#1	13.27153	.0254764	.0023573	.0060916	30.41307	4.040893	-.000119
#2	13.06514	.0320723	.0020751	.0060234	30.65161	4.004232	-.002054
#3	13.10882	.0291935	.0031098	.0059017	30.30154	3.981836	-.002159

Sample Name: I3919-04 Acquired: 7/11/2017 15:28:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA4XL2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001481	.0058459	.8392701
Stddev	.000451	.0006073	.0076396
%RSD	30.44580	10.38839	.9102703

#1	-.001213	.0058292	.8480672
#2	-.001229	.0064614	.8354395
#3	-.002002	.0052472	.8343036

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1268.901	1858.922	50258.76	6306.595	3373.427
Stddev	20.769	10.233	499.70	36.456	10.862
%RSD	1.636748	.5504939	.9942602	.5780625	.3219739

#1	1288.891	1870.724	50577.58	6264.656	3385.784
#2	1270.380	1853.529	50515.83	6324.420	3369.103
#3	1247.433	1852.513	49682.85	6330.709	3365.393

Sample Name: PB100513BL Acquired: 7/11/2017 15:35:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006540	.0010106	.0001541	-.001696	-.000467	-.007774	-.000280
Stddev	.0027026	.0002209	.0008555	.001361	.001131	.001306	.000094
%RSD	413.2312	21.86220	555.3232	80.20335	242.1524	16.80410	33.66505

#1	.0026764	.0009799	-.000798	-.002184	-.000993	-.006589	-.000388
#2	.0017010	.0012453	.000400	-.000159	.000831	-.007560	-.000215
#3	-.002415	.0008067	.000860	-.002746	-.001240	-.009175	-.000236

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000373	.0000765	-.021202	-.000630	-.000123	-.000410	-.019333
Stddev	.0000775	.0000353	.009258	.000159	.000139	.000530	.006824
%RSD	207.9206	46.12546	43.66519	25.28741	112.6275	129.4173	35.29684

#1	.0000048	.0001123	-.012696	-.000814	-.000026	-.000065	-.015809
#2	-.000019	.0000417	-.019848	-.000535	-.000283	-.000144	-.014991
#3	.000126	.0000756	-.031062	-.000541	-.000062	-.001020	-.027198

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000723	-.033849	.0002346	-.000080	.0547148	.0007849	-.005363
Stddev	.000753	.036806	.0003005	.000115	.0427565	.0011263	.010159
%RSD	104.0591	108.7352	128.0938	144.6005	78.14438	143.4958	189.4072

#1	-.000944	-.073056	-.000112	.000019	.0213103	.0007110	.005665
#2	-.001341	-.000041	.000405	-.000051	.0399332	.0019462	-.007417
#3	.000115	-.028450	.000412	-.000206	.1029007	-.000303	-.014338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.021756	-.001569	-.003700	.0001029	.0033151	-.000517	.0002320
Stddev	.013364	.003497	.000904	.0002021	.0041093	.000318	.0001359
%RSD	61.42834	222.9067	24.44391	196.3819	123.9572	61.53177	58.55964

#1	-.009090	.002100	-.002687	.0000058	.0016889	-.000697	.0003465
#2	-.020455	-.001943	-.003989	-.000032	.0002678	-.000150	.0000819
#3	-.035723	-.004864	-.004425	.000335	.0079886	-.000704	.0002676

Sample Name: PB100513BL Acquired: 7/11/2017 15:35:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001070	-.000550	-.000293
Stddev	.000593	.000326	.000042
%RSD	55.47810	59.21218	14.42782

#1	-.000593	-.000181	-.000312
#2	-.001734	-.000799	-.000245
#3	-.000882	-.000669	-.000323

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1333.428	1951.468	53542.38	6306.898	3771.251
Stddev	12.604	8.447	136.56	4.137	5.643
%RSD	.9452426	.4328328	.2550427	.0655913	.1496430

#1	1334.749	1955.526	53694.96	6304.022	3773.956
#2	1320.216	1957.119	53431.63	6311.639	3775.034
#3	1345.320	1941.758	53500.55	6305.034	3764.765

Sample Name: I4013-01 Acquired: 7/11/2017 15:43:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.358262	-.016441	1.064759	-.036585	.0117105	79.61023
Stddev	.009746	.002078	.003556	.006688	.0001136	6.29467
%RSD	.4132685	12.64018	.3339949	18.28151	.9700043	7.906858

#1	2.355236	-.018788	1.063625	-.037106	.0117308	81.79568
#2	2.350387	-.015703	1.061909	-.042997	.0115881	72.51412
#3	2.369161	-.014833	1.068744	-.029651	.0118125	84.52090

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.011471	.0055883	.0478701	F 798.6813	.5228885	.0535524
Stddev	.151241	.0002344	.0004154	60.0137	.0018838	.0000967
%RSD	7.518917	4.194326	.8677118	7.514101	.3602683	.1805284

#1	2.070168	.0057839	.0480002	820.0701	.5237089	.0534524
#2	1.839681	.0053285	.0482048	730.9033	.5242230	.0536454
#3	2.124566	.0056526	.0474052	845.0704	.5207336	.0535592

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9487587	172.3278	2.792662	46.71685	.1319687	.0005738
Stddev	.0719102	13.5502	.210489	3.68464	.0008887	.0008829
%RSD	7.579396	7.863045	7.537200	7.887185	.6734329	153.8756

#1	.9749352	177.1464	2.872346	48.16468	.1317086	.0011874
#2	.8674270	157.0268	2.553965	42.52820	.1312390	-.000438
#3	1.003914	182.8100	2.951675	49.45769	.1329584	.000972

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.61538	.2466893	3.235109	15.05746	12.92001	-.309544
Stddev	2.06677	.0211708	.037714	1.10986	.07364	.017039
%RSD	7.222570	8.581952	1.165779	7.370844	.5699599	5.504695

#1	29.21097	.2525886	3.244817	15.44428	12.84725	-.318038
#2	26.31622	.2231946	3.193490	13.80595	12.91829	-.289927
#3	30.31896	.2642847	3.267021	15.92214	12.99449	-.320667

Sample Name: I4013-01 Acquired: 7/11/2017 15:43:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233040	263.1600	1.513776	.0367509	2.481742	.1213859
Stddev	.0002418	1.5525	.091125	.0013526	.194705	.0096562
%RSD	1.037552	.5899299	6.019726	3.680508	7.845514	7.954959

#1	.0230880	262.1062	1.547842	.0367815	2.548503	.1255572
#2	.0235652	262.4311	1.410526	.0353832	2.262438	.1103452
#3	.0232588	264.9428	1.582961	.0380879	2.634285	.1282552

Elem	Sr4077
Units	ppm
Avg	2.672605
Stddev	.207206
%RSD	7.752970

#1	2.744296
#2	2.439074
#3	2.834446

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1174.827	1735.541	48270.99	6325.234	2608.960
Stddev	7.099	7.324	241.82	413.322	8.825
%RSD	.6042856	.4220078	.5009612	6.534500	.3382527

#1	1167.082	1729.491	48002.49	6149.246	2604.622
#2	1176.372	1743.684	48471.63	6797.424	2619.114
#3	1181.026	1733.449	48338.85	6029.032	2603.143

Sample Name: I4013-02 Acquired: 7/11/2017 15:47:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.321106	-.017858	1.043168	-.031128	.0114507	81.06302
Stddev	.045113	.003412	.025816	.003100	.0013468	.32741
%RSD	1.943584	19.10512	2.474812	9.960052	11.76166	.4038974

#1	2.349749	-.021434	1.058932	-.028769	.0128155	81.39679
#2	2.344465	-.017501	1.057198	-.029977	.0101227	81.04988
#3	2.269103	-.014639	1.013375	-.034640	.0114140	80.74237

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.066437	.0057805	.0468726	F 813.8086	.5224972	.0530369
Stddev	.012816	.0000986	.0010760	.5626	.0024768	.0010498
%RSD	.6201907	1.705633	2.295601	.0691295	.4740234	1.979377

#1	2.069696	.0058783	.0475586	813.7969	.5252014	.0529639
#2	2.052306	.0057823	.0474267	814.3769	.5219513	.0541213
#3	2.077308	.0056811	.0456325	813.2519	.5203389	.0520255

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9669395	175.5719	2.841208	47.71577	.1310174	.0005295
Stddev	.0061737	.0924	.002964	.12710	.0021291	.0001308
%RSD	.6384794	.0526536	.1043184	.2663787	1.625037	24.69610

#1	.9724820	175.6765	2.842294	47.79328	.1324807	.0005519
#2	.9602856	175.5381	2.843476	47.78495	.1319967	.0003890
#3	.9680509	175.5011	2.837855	47.56908	.1285749	.0006476

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.20752	.2517641	3.258318	15.29087	12.76100	-.311487
Stddev	.07013	.0044406	.025625	.06772	.25736	.001474
%RSD	.2400930	1.763788	.7864594	.4428887	2.016762	.4731476

#1	29.21528	.2525631	3.238214	15.32854	12.98540	-.312806
#2	29.27344	.2469783	3.249568	15.33138	12.81751	-.311759
#3	29.13384	.2557509	3.287172	15.21269	12.48008	-.309896

Sample Name: I4013-02 Acquired: 7/11/2017 15:47:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225892	259.9990	1.536918	.0372357	2.531057	.1231520
Stddev	.0009982	4.8324	.005784	.0017724	.009364	.0013052
%RSD	4.419003	1.858624	.3763353	4.759823	.3699743	1.059845
#1	.0237368	263.7439	1.538845	.0353466	2.540743	.1246239
#2	.0219226	261.7091	1.541492	.0374986	2.530377	.1226964
#3	.0221081	254.5441	1.530416	.0388619	2.522051	.1221356

Elem	Sr4077
Units	ppm
Avg	2.726628
Stddev	.009848
%RSD	.3611703
#1	2.736174
#2	2.727204
#3	2.716504

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1189.062	1762.725	48620.88	6242.807	2649.549
Stddev	7.098	33.260	134.70	19.808	55.687
%RSD	.5969786	1.886864	.2770432	.3172898	2.101749
#1	1186.739	1737.522	48564.56	6223.723	2612.506
#2	1183.416	1750.230	48523.48	6241.430	2622.552
#3	1197.031	1800.423	48774.60	6263.267	2713.588

Sample Name: I4013-03 Acquired: 7/11/2017 15:51:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.515247	.1051486	1.132516	.0713715	.2136501	88.30240
Stddev	.010685	.0011780	.009851	.0022614	.0013875	.23457
%RSD	.4248124	1.120359	.8697944	3.168494	.6494381	.2656429

#1	2.523925	.1042834	1.139915	.0708143	.2122656	88.41735
#2	2.503313	.1046721	1.136299	.0694407	.2136440	88.45732
#3	2.518504	.1064902	1.121335	.0738594	.2150407	88.03253

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.744031	.0876868	.1477888	F 846.4611	.9216476	.9562109
Stddev	.041931	.0008215	.0007293	1.8926	.0138052	.0043155
%RSD	.7299976	.9368434	.4934678	.2235919	1.497883	.4513175

#1	5.792406	.0881782	.1483097	844.2786	.9272889	.9605464
#2	5.718083	.0867384	.1481012	847.6491	.9059151	.9561707
#3	5.721603	.0881437	.1469553	847.4557	.9317388	.9519156

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.488717	184.2797	3.888052	49.24247	1.035969	.0423784
Stddev	.006080	.3870	.004148	.17739	.003997	.0006217
%RSD	.4084324	.2099994	.1066980	.3602413	.3857995	1.466964

#1	1.492674	183.9782	3.889179	49.33839	1.037962	.0418839
#2	1.491761	184.7161	3.891520	49.35126	1.038579	.0421749
#3	1.481716	184.1448	3.883456	49.03777	1.031368	.0430763

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.24306	1.138560	4.324302	15.90322	13.41010	-.328235
Stddev	.15953	.004523	.009159	.03687	.05720	.000750
%RSD	.5274823	.3972492	.2118139	.2318542	.4265491	.2284128

#1	30.31054	1.142426	4.324526	15.91979	13.45440	-.328876
#2	30.35775	1.139668	4.315033	15.92890	13.43039	-.327411
#3	30.06088	1.133586	4.333348	15.86097	13.34552	-.328418

Sample Name: I4013-03 Acquired: 7/11/2017 15:51:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233800	271.0865	2.065556	.0399046	2.626165	.1263779
Stddev	.0000421	1.5652	.004497	.0007192	.009530	.0007197
%RSD	.1801456	.5773699	.2177335	1.802201	.3628769	.5694835

#1	.0233770	272.3517	2.061362	.0405532	2.623484	.1271665
#2	.0234235	271.5716	2.070305	.0391312	2.636748	.1262107
#3	.0233394	269.3362	2.065000	.0400294	2.618263	.1257566

Elem	Sr4077
Units	ppm
Avg	2.871379
Stddev	.010592
%RSD	.3688920

#1	2.877323
#2	2.877665
#3	2.859150

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1180.699	1735.837	48434.60	6190.625	2587.183
Stddev	4.880	8.311	327.00	17.342	16.241
%RSD	.4133027	.4787646	.6751394	.2801329	.6277363

#1	1178.086	1726.779	48439.02	6171.053	2570.065
#2	1186.329	1743.110	48759.37	6204.077	2589.110
#3	1177.681	1737.622	48105.41	6196.745	2602.374

Sample Name: I4013-01LX5 Acquired: 7/11/2017 15:55:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4940455	-.001532	.2214118	-.009447	.0026617	16.59254	.4301241
Stddev	.0025121	.002315	.0048625	.003001	.0000667	.02460	.0009244
%RSD	.5084725	151.1206	2.196134	31.76818	2.505881	.1482631	.2149231

#1	.4951588	-.001761	.2196317	-.006600	.0027361	16.60479	.4292972
#2	.4958085	.000889	.2269135	-.009158	.0026073	16.56422	.4299529
#3	.4911691	-.003723	.2176902	-.012582	.0026418	16.60862	.4311221

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012835	.0091071	170.5695	.1182080	.0094273	.1978550	38.62022
Stddev	.0000988	.0001959	.0901	.0016779	.0003314	.0008888	.06198
%RSD	7.698838	2.150971	.0528099	1.419433	3.515625	.4492233	.1604889

#1	.0011735	.0090903	170.4822	.1181273	.0092283	.1969564	38.67463
#2	.0013648	.0093109	170.5643	.1165720	.0092438	.1987337	38.55275
#3	.0013122	.0089202	170.6621	.1199248	.0098099	.1978751	38.63328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6218292	10.04287	.0267654	.0002953	6.064840	.0553397	.6615862
Stddev	.0031488	.01756	.0009363	.0003078	.041908	.0008613	.0046943
%RSD	.5063810	.1748835	3.498331	104.2425	.6909922	1.556398	.7095542

#1	.6254089	10.06229	.0256898	.0005621	6.112790	.0544701	.6616708
#2	.6194875	10.02809	.0272079	.0003654	6.046507	.0561925	.6568501
#3	.6205913	10.03824	.0273985	-.000042	6.035222	.0553564	.6662376

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.028268	2.357311	-.069413	.0044987	48.68044	.3373345	.0025628
Stddev	.017642	.040691	.000560	.0002997	.75036	.0017175	.0012949
%RSD	.5825689	1.726151	.8068709	6.662551	1.541397	.5091501	50.52678

#1	3.045880	2.336241	-.070060	.0041892	48.25021	.3387417	.0011628
#2	3.010597	2.404216	-.069078	.0047876	49.54687	.3378411	.0028083
#3	3.028327	2.331476	-.069102	.0045194	48.24424	.3354206	.0037175

Sample Name: I4013-01LX5 Acquired: 7/11/2017 15:55:34 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDWR3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5373102	.0243809	.5689087
Stddev	.0013790	.0001992	.0006350
%RSD	.2566553	.8169596	.1116242

#1	.5374020	.0241511	.5695017
#2	.5358876	.0245045	.5689859
#3	.5386411	.0244870	.5682387

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1262.502	1811.113	50689.81	6226.101	3181.850
Stddev	6.978	18.247	300.66	13.354	41.480
%RSD	.5527284	1.007478	.5931342	.2144832	1.303640

#1	1266.565	1827.003	50658.53	6237.552	3211.778
#2	1266.497	1791.186	51004.88	6211.432	3134.501
#3	1254.445	1815.150	50406.01	6229.317	3199.272

Sample Name: I4013-05 Acquired: 7/11/2017 16:03:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.037501	-.022434	1.113475	-.032075	.0113023	79.04047	6.340175
Stddev	.035125	.001429	.024610	.000732	.0023711	.30211	.042180
%RSD	1.723924	6.368135	2.210217	2.283237	20.97939	.3822188	.6652888

#1	2.066466	-.020804	1.129974	-.032584	.0101827	79.37901	6.388554
#2	2.047606	-.023030	1.125264	-.031236	.0140259	78.94409	6.320867
#3	1.998431	-.023468	1.085188	-.032406	.0096982	78.79832	6.311105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048291	.0416810	660.9332	.4577865	.0460617	.8297152	189.6590
Stddev	.0001403	.0011237	1.2524	.0011534	.0015676	.0028780	.6795
%RSD	2.904572	2.696004	.1894907	.2519594	3.403150	.3468713	.3582648

#1	.0046715	.0425185	662.0447	.4565306	.0474548	.8316157	190.2675
#2	.0048756	.0421206	659.5762	.4587984	.0463662	.8311258	188.9258
#3	.0049402	.0404040	661.1786	.4580304	.0443643	.8264040	189.7837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.914360	42.42326	.1243053	.0006063	78.90100	.2164760	3.119755
Stddev	.005656	.24758	.0024173	.0004586	.32429	.0014398	.034368
%RSD	.1940682	.5835898	1.944659	75.63511	.4110095	.6651266	1.101634

#1	2.917483	42.70620	.1263683	.0006252	79.26855	.2181345	3.090315
#2	2.907832	42.31719	.1249022	.0010551	78.65522	.2155459	3.111428
#3	2.917767	42.24638	.1216455	.0001385	78.77922	.2157476	3.157521

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.69779	11.06409	-.369819	.0221275	89.51446	1.383466	.0324515
Stddev	.07883	.23616	.001585	.0006939	1.84225	.003433	.0005766
%RSD	.6207790	2.134478	.4284893	3.135875	2.058045	.2481730	1.776742

#1	12.78536	11.25802	-.371635	.0224211	91.06781	1.387001	.0325948
#2	12.63252	11.13314	-.368719	.0226264	89.99643	1.383254	.0318168
#3	12.67549	10.80110	-.369102	.0213351	87.47913	1.380144	.0329429

Sample Name: I4013-05 Acquired: 7/11/2017 16:03:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.945729	.1025453	3.445808
Stddev	.005810	.0006701	.019876
%RSD	.2986022	.6534223	.5768098

#1	1.951470	.1029676	3.461844
#2	1.945864	.1028955	3.452010
#3	1.939853	.1017727	3.423571

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1212.986	1808.607	49426.19	6246.485	2697.120
Stddev	4.663	31.878	110.59	28.481	55.360
%RSD	.3844179	1.762587	.2237517	.4559588	2.052557

#1	1211.176	1781.397	49550.32	6213.855	2650.341
#2	1218.283	1800.742	49338.15	6266.358	2682.779
#3	1209.499	1843.682	49390.12	6259.243	2758.239

Sample Name: I4013-06 Acquired: 7/11/2017 16:07:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.070274	-.020775	1.295550	-.032871	.0163096	71.46252	2.391048
Stddev	.041439	.002084	.024440	.005645	.0006178	.61510	.028288
%RSD	1.349682	10.02951	1.886471	17.17177	3.788176	.8607326	1.183058

#1	3.051085	-.019861	1.281625	-.027298	.0170141	72.17218	2.423252
#2	3.041907	-.019304	1.281255	-.038585	.0158603	71.08249	2.379678
#3	3.117829	-.023159	1.323770	-.032730	.0160542	71.13288	2.370215

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051364	.0676106	562.7436	.6199624	.0520904	1.083279	201.0802
Stddev	.0001101	.0014025	2.9835	.0015450	.0012646	.010330	1.2309
%RSD	2.144301	2.074444	.5301657	.2492157	2.427743	.9536011	.6121209

#1	.0052545	.0668639	565.3259	.6207380	.0507524	1.094506	202.3020
#2	.0050365	.0667394	559.4776	.6181832	.0522528	1.081157	199.8405
#3	.0051181	.0692285	563.4274	.6209660	.0532660	1.074175	201.0982

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.566501	53.79314	.1215766	.0017703	20.75557	.2469431	3.671317
Stddev	.009303	.31090	.0021349	.0003631	.33034	.0007669	.018505
%RSD	.5938619	.5779636	1.755976	20.50719	1.591551	.3105535	.5040381

#1	1.574469	54.14731	.1210726	.0021464	21.13401	.2475332	3.687668
#2	1.556278	53.56522	.1197389	.0017428	20.60774	.2460762	3.675054
#3	1.568756	53.66688	.1239184	.0014218	20.52497	.2472198	3.651229

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.674731	15.00249	-.372975	.0249648	290.4619	2.881157	.0417512
Stddev	.102833	.28588	.003581	.0003286	4.5292	.018198	.0015968
%RSD	1.062908	1.905524	.9602341	1.316106	1.559312	.6316271	3.824672

#1	9.782386	14.84736	-.377109	.0248265	288.2062	2.886704	.0405110
#2	9.664290	14.82771	-.370988	.0247279	287.5035	2.860830	.0435530
#3	9.577516	15.33240	-.370828	.0253399	295.6760	2.895936	.0411897

Sample Name: I4013-06 Acquired: 7/11/2017 16:07:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.363390	.1294025	2.438588
Stddev	.018875	.0021224	.023360
%RSD	.7986363	1.640122	.9579296

#1	2.385161	.1317592	2.465231
#2	2.351604	.1288065	2.421619
#3	2.353407	.1276419	2.428913

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.269	1745.391	49307.92	6236.738	2719.030
Stddev	5.923	16.120	40.04	48.221	33.856
%RSD	.4971745	.9235767	.0811943	.7731770	1.245160

#1	1184.442	1754.572	49348.26	6185.141	2736.869
#2	1194.336	1754.824	49307.31	6280.663	2740.236
#3	1195.029	1726.778	49268.20	6244.411	2679.984

Sample Name: I4013-07 Acquired: 7/11/2017 16:11:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3822274	-.020408	.6724100	-.038430	.0064264	66.29288	2.165078
Stddev	.0021391	.003384	.0028637	.002406	.0026173	.14037	.009006
%RSD	.5596500	16.57987	.4258918	6.259915	40.72668	.2117399	.4159576

#1	.3799603	-.023664	.6692276	-.036077	.0067086	66.13089	2.156845
#2	.3825118	-.020651	.6732232	-.040885	.0036795	66.36919	2.163694
#3	.3842101	-.016910	.6747792	-.038328	.0088911	66.37857	2.174696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047857	.0299877	423.6165	.2798596	.0533300	.5030600	180.9417
Stddev	.0000993	.0002780	.7271	.0009530	.0006359	.0038339	.1839
%RSD	2.075527	.9270334	.1716501	.3405089	1.192436	.7621191	.1016472

#1	.0047523	.0296702	423.3613	.2788105	.0533353	.4987890	181.1466
#2	.0047075	.0301876	423.0513	.2806717	.0539632	.5041866	180.7910
#3	.0048975	.0301053	424.4368	.2800965	.0526914	.5062044	180.8876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.647173	46.04523	.1250633	.0001620	28.54264	.2035273	1.489411
Stddev	.008159	.10685	.0013166	.0001254	.06857	.0024365	.031400
%RSD	.4953286	.2320524	1.052766	77.38344	.2402352	1.197124	2.108243

#1	1.650740	46.16768	.1242257	.0001141	28.48211	.2060166	1.503606
#2	1.637838	45.97090	.1243834	.0003043	28.52871	.2011473	1.511208
#3	1.652941	45.99711	.1265809	.0000677	28.61711	.2034180	1.453420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08141	7.923273	-.317924	.0211966	196.9416	1.806779	.0360700
Stddev	.02715	.033237	.001321	.0004520	.6560	.007511	.0022007
%RSD	.2692669	.4194879	.4153526	2.132370	.3330966	.4157217	6.101132

#1	10.05109	7.888003	-.318776	.0208835	196.2514	1.801225	.0346272
#2	10.10345	7.927804	-.318593	.0217148	197.0162	1.803787	.0349799
#3	10.08970	7.954013	-.316403	.0209915	197.5570	1.815325	.0386030

Sample Name: I4013-07 Acquired: 7/11/2017 16:11:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.141232	.1565583	1.801703
Stddev	.000889	.0003368	.002990
%RSD	.0778627	.2151204	.1659487

#1	1.142226	.1561726	1.798583
#2	1.140514	.1567943	1.801981
#3	1.140955	.1567080	1.804544

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1215.088	1777.787	50151.77	6326.795	2784.170
Stddev	2.998	.943	214.08	6.885	2.884
%RSD	.2467679	.0530446	.4268652	.1088166	.1035939

#1	1212.315	1778.264	50359.13	6333.347	2785.273
#2	1218.270	1776.701	50164.64	6327.417	2786.340
#3	1214.678	1778.396	49931.55	6319.621	2780.897

Sample Name: I4013-08 Acquired: 7/11/2017 16:15:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.464737	-.033338	1.250861	-.058442	.0164582	75.37497	5.195017
Stddev	.025776	.005069	.019726	.007594	.0017610	.32888	.027892
%RSD	1.045782	15.20529	1.577020	12.99340	10.69971	.4363238	.5369019

#1	2.480250	-.036621	1.258020	-.058944	.0154049	75.49965	5.222146
#2	2.434983	-.027500	1.228555	-.050610	.0184912	75.62327	5.196485
#3	2.478979	-.035893	1.266008	-.065772	.0154786	75.00198	5.166420

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049993	.0616339	404.5507	.5969910	.0508726	.9994245	283.4199
Stddev	.0000478	.0011306	2.0386	.0051201	.0011814	.0068686	1.3028
%RSD	.9567178	1.834354	.5039056	.8576509	2.322297	.6872561	.4596639

#1	.0049494	.0615578	405.6564	.6023038	.0508020	1.003429	283.8732
#2	.0050039	.0605433	405.7974	.5920883	.0497281	1.003351	284.4355
#3	.0050447	.0628006	402.1982	.5965809	.0520878	.991493	281.9510

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.936834	44.43459	.1546686	.0006976	116.0098	.2125192	4.179001
Stddev	.006952	.06879	.0026050	.0003008	.6192	.0037404	.009825
%RSD	.3589425	.1548117	1.684258	43.12576	.5337341	1.760045	.2351139

#1	1.939234	44.51195	.1546242	.0004508	116.1070	.2154911	4.188676
#2	1.942267	44.41152	.1520861	.0010327	116.5747	.2137474	4.179294
#3	1.928999	44.38029	.1572956	.0006093	115.3478	.2083191	4.169032

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.462399	11.26165	-.585991	.0381434	106.4770	2.866256	.0597290
Stddev	.034082	.13273	.004843	.0006960	1.4463	.014419	.0019406
%RSD	.4567107	1.178621	.8263926	1.824614	1.358312	.5030650	3.248975

#1	7.423258	11.28694	-.590956	.0383317	106.7624	2.872679	.0615070
#2	7.478426	11.11809	-.585735	.0373727	104.9093	2.876347	.0576589
#3	7.485513	11.37992	-.581281	.0387260	107.7593	2.849742	.0600210

Sample Name: I4013-08 Acquired: 7/11/2017 16:15:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.969475	.1035027	2.647399
Stddev	.012983	.0003222	.007142
%RSD	.6592311	.3112504	.2697635

#1	1.971963	.1038635	2.651394
#2	1.981034	.1034005	2.651650
#3	1.955428	.1032440	2.639154

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1186.334	1764.307	48719.65	6200.214	2729.598
Stddev	11.037	21.125	380.01	29.226	34.905
%RSD	.9303732	1.197334	.7799866	.4713701	1.278778

#1	1173.615	1749.733	48283.62	6187.711	2712.269
#2	1191.981	1788.534	48980.25	6179.319	2769.777
#3	1193.404	1754.653	48895.07	6233.611	2706.747

Sample Name: I4013-09 Acquired: 7/11/2017 16:19:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3896531	-.029453	.7738230	-.051891	.0099411	70.23579	4.686263
Stddev	.0061839	.003049	.0112406	.003506	.0013508	.10297	.005383
%RSD	1.587015	10.35301	1.452607	6.756691	13.58793	.1466050	.1148643

#1	.3830238	-.032974	.7630504	-.054873	.0089745	70.29951	4.682267
#2	.3906702	-.027654	.7729391	-.048028	.0093644	70.29085	4.692384
#3	.3952654	-.027732	.7854794	-.052771	.0114846	70.11699	4.684139

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049741	.0307782	381.2724	.2927912	.0566191	.5568307	236.4696
Stddev	.0001592	.0004452	1.4997	.0003490	.0008747	.0002478	.9248
%RSD	3.201511	1.446529	.3933308	.1192018	1.544965	.0444955	.3910939

#1	.0050895	.0303152	381.0423	.2924046	.0556369	.5569191	236.5527
#2	.0050404	.0308160	382.8738	.2928860	.0569059	.5570221	237.3501
#3	.0047924	.0312032	379.9011	.2930831	.0573144	.5565509	235.5061

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.970837	47.03991	.1409026	.0001045	107.9127	.2086172	1.936722
Stddev	.005637	.08886	.0024997	.0000768	.0778	.0023699	.021306
%RSD	.2860377	.1888972	1.774074	73.50345	.0721192	1.135988	1.100127

#1	1.975631	46.96778	.1389053	.0000192	107.8276	.2061520	1.953751
#2	1.972254	47.13917	.1400966	.0001681	107.9302	.2108786	1.912830
#3	1.964626	47.01279	.1437059	.0001262	107.9803	.2088209	1.943585

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05245	6.955155	-.487097	.0311833	108.7870	1.995356	.0473937
Stddev	.03083	.138717	.001794	.0008150	1.7191	.013826	.0000688
%RSD	.3067397	1.994452	.3682514	2.613540	1.580204	.6928892	.1450611

#1	10.08388	6.824398	-.485673	.0303486	107.2327	1.997261	.0473834
#2	10.05120	6.940412	-.489111	.0319771	108.4948	2.008130	.0473307
#3	10.02225	7.100655	-.486505	.0312241	110.6334	1.980677	.0474671

Sample Name: I4013-09 Acquired: 7/11/2017 16:19:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.121715	.1564067	1.926109
Stddev	.005157	.0007595	.001369
%RSD	.4597521	.4855777	.0710942

#1	1.120610	.1571111	1.927315
#2	1.127335	.1556021	1.924620
#3	1.117200	.1565068	1.926393

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1216.703	1792.422	49766.88	6230.099	2753.095
Stddev	6.400	26.033	120.65	20.496	42.519
%RSD	.5260138	1.452412	.2424227	.3289824	1.544391

#1	1209.522	1817.175	49669.64	6214.569	2791.006
#2	1221.806	1794.816	49729.10	6222.398	2761.157
#3	1218.781	1765.274	49901.90	6253.330	2707.123

Sample Name: I4013-10 Acquired: 7/11/2017 16:23:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.038854	-.016160	1.121119	-.033892	.0126377	67.05239	1.778526
Stddev	.009549	.001296	.001982	.006095	.0006718	.14181	.003784
%RSD	.3142212	8.016896	.1768319	17.98412	5.316073	.2114980	.2127481

#1	3.032709	-.016425	1.123397	-.026864	.0119483	67.16848	1.782894
#2	3.033999	-.014753	1.119784	-.037743	.0126744	66.89432	1.776456
#3	3.049855	-.017303	1.120177	-.037067	.0132904	67.09436	1.776230

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050066	.0478490	501.0996	.6033481	.0650361	1.138274	174.9277
Stddev	.0000291	.0000639	1.1431	.0018801	.0007369	.005287	.2790
%RSD	.5816914	.1336328	.2281153	.3116026	1.133012	.4644714	.1594706

#1	.0049860	.0477759	501.2614	.6053058	.0642494	1.143089	174.8051
#2	.0049939	.0478944	499.8842	.6031816	.0651489	1.132616	174.7310
#3	.0050399	.0478768	502.1532	.6015568	.0657101	1.139118	175.2469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.342555	47.22373	.1187796	.0012263	19.35606	.2210328	2.669232
Stddev	.009698	.09868	.0006283	.0002418	.08801	.0038315	.019873
%RSD	.4139753	.2089702	.5289216	19.71992	.4546741	1.733446	.7445038

#1	2.338162	47.28132	.1181520	.0010993	19.32559	.2172389	2.646505
#2	2.335832	47.10978	.1194085	.0010745	19.28733	.2209586	2.683339
#3	2.353672	47.28009	.1187784	.0015052	19.45525	.2249008	2.677853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.556644	14.20173	-.286315	.0226083	257.4331	2.182681	.0376655
Stddev	.020699	.06650	.000893	.0003011	1.2042	.005629	.0019736
%RSD	.2419057	.4682826	.3119308	1.331583	.4677736	.2579163	5.239689

#1	8.578405	14.18741	-.286533	.0229559	256.9468	2.183643	.0366100
#2	8.554324	14.14356	-.285333	.0224408	256.5481	2.176632	.0364441
#3	8.537202	14.27423	-.287079	.0224284	258.8044	2.187767	.0399423

Sample Name: I4013-10 Acquired: 7/11/2017 16:23:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.183978	.1124551	1.870955
Stddev	.006644	.0004981	.004229
%RSD	.3042028	.4429015	.2260300

#1	2.184846	.1126784	1.875107
#2	2.176943	.1118844	1.866654
#3	2.190145	.1128024	1.871105

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1202.753	1764.036	49560.58	6259.862	2767.592
Stddev	8.175	2.982	33.21	20.068	6.205
%RSD	.6796605	.1690194	.0670132	.3205813	.2241989

#1	1206.996	1763.516	49598.91	6239.906	2773.116
#2	1207.934	1767.244	49542.47	6280.040	2768.782
#3	1193.329	1761.349	49540.37	6259.641	2760.879

Sample Name: I4013-11 Acquired: 7/11/2017 16:27:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3492002	-.018277	.6822914	-.030053	.0064657	63.13860	2.868384
Stddev	.0045089	.001899	.0022733	.003299	.0018278	.51538	.018731
%RSD	1.291198	10.39217	.3331800	10.97838	28.26932	.8162600	.6530242

#1	.3523881	-.020444	.6800775	-.031743	.0083183	62.54362	2.846769
#2	.3440415	-.017485	.6821770	-.032165	.0064151	63.44683	2.878510
#3	.3511712	-.016902	.6846197	-.026251	.0046637	63.42534	2.879873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067122	.0393227	368.6021	.2561488	.0476401	.5129421	161.2852
Stddev	.0001082	.0001689	3.0951	.0015909	.0001120	.0030605	.9367
%RSD	1.611467	.4296192	.8396756	.6210663	.2350496	.5966626	.5807600

#1	.0066653	.0395121	365.0355	.2570942	.0477171	.5094973	160.2075
#2	.0068359	.0392685	370.1876	.2570402	.0476916	.5153478	161.7446
#3	.0066354	.0391875	370.5831	.2543121	.0475117	.5139811	161.9034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.600645	39.79490	.1264291	.0006015	25.81008	.1800202	2.816465
Stddev	.012918	.28119	.0006355	.0001244	.24981	.0024796	.047268
%RSD	.8070783	.7066037	.5026799	20.69221	.9678677	1.377397	1.678259

#1	1.585752	39.48311	.1257067	.0005847	25.57025	.1802094	2.870694
#2	1.607367	40.02927	.1269020	.0007334	26.06880	.1774514	2.794706
#3	1.608817	39.87233	.1266788	.0004862	25.79118	.1823997	2.783996

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.617702	6.404637	-.293524	.0194184	171.9844	1.962850	.0309043
Stddev	.131573	.027795	.005250	.0006477	.5506	.021330	.0021031
%RSD	1.368027	.4339779	1.788734	3.335213	.3201654	1.086674	6.805129

#1	9.475564	6.415797	-.287491	.0196482	171.8550	1.938334	.0285791
#2	9.642306	6.372997	-.296025	.0199199	171.5100	1.977160	.0314603
#3	9.735236	6.425117	-.297056	.0186872	172.5882	1.973054	.0326735

Sample Name: I4013-11 Acquired: 7/11/2017 16:27:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.021493	.1409325	1.761108
Stddev	.006555	.0016273	.013640
%RSD	.6417323	1.154697	.7745188

#1	1.014026	.1390535	1.745529
#2	1.026298	.1418890	1.770903
#3	1.024157	.1418550	1.766893

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1214.368	1782.740	49982.51	6344.895	2829.671
Stddev	12.014	7.345	324.05	42.542	9.982
%RSD	.9893385	.4120034	.6483306	.6704885	.3527453

#1	1200.544	1776.255	49610.39	6393.777	2826.903
#2	1222.281	1790.716	50134.67	6324.670	2840.745
#3	1220.281	1781.250	50202.48	6316.239	2821.366

Sample Name: I4013-12 Acquired: 7/11/2017 16:31:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.079554	-.014843	.9380636	-.028072	.0155587	56.09390	.3059524
Stddev	.009173	.001583	.0044483	.004031	.0014795	.12572	.0012067
%RSD	.2978515	10.66616	.4742010	14.35986	9.509059	.2241285	.3943921

#1	3.084230	-.013964	.9380221	-.032062	.0143521	55.98159	.3057656
#2	3.068986	-.016671	.9336362	-.028153	.0151146	56.07038	.3072416
#3	3.085447	-.013894	.9425325	-.024001	.0172093	56.22971	.3048501

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047955	.0464904	365.0165	.4898553	.0384655	.9020490	158.6933
Stddev	.0000787	.0002482	.3955	.0004236	.0005088	.0045683	.2400
%RSD	1.641315	.5338495	.1083637	.0864823	1.322802	.5064319	.1512364

#1	.0048822	.0462059	364.6386	.4899440	.0380750	.8971873	158.7808
#2	.0047286	.0466031	365.4276	.4902275	.0382804	.9062525	158.8772
#3	.0047757	.0466623	364.9832	.4893943	.0390409	.9027071	158.4218

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.235540	40.42955	.0844633	.0014650	16.47580	.1939536	2.650098
Stddev	.003134	.06217	.0008554	.0001286	.19351	.0023613	.023312
%RSD	.2536283	.1537797	1.012792	8.776302	1.174502	1.217442	.8796796

#1	1.231925	40.45852	.0834884	.0013266	16.30080	.1920803	2.623601
#2	1.237213	40.35818	.0848131	.0014877	16.44299	.1966060	2.667456
#3	1.237482	40.47195	.0850883	.0015808	16.68362	.1931745	2.659236

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.304475	13.22164	-.294737	.0251392	1082.467	2.753859	.0283697
Stddev	.039740	.10018	.000381	.0002019	7.330	.010666	.0005455
%RSD	.5440526	.7577055	.1292723	.8029152	.6771145	.3872992	1.922838

#1	7.259126	13.22976	-.294379	.0253320	1083.546	2.744562	.0284201
#2	7.321077	13.11765	-.294693	.0249294	1074.657	2.751512	.0288883
#3	7.333222	13.31752	-.295138	.0251562	1089.196	2.765503	.0278008

Sample Name: I4013-12 Acquired: 7/11/2017 16:31:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.965111	.0946295	1.528904
Stddev	.007093	.0001969	.002875
%RSD	.3609215	.2080414	.1880271

#1	1.957527	.0944637	1.526011
#2	1.971580	.0945778	1.528941
#3	1.966225	.0948471	1.531760

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1195.139	1749.247	49512.15	6132.801	2853.483
Stddev	8.186	4.732	168.03	5.039	7.514
%RSD	.6849759	.2705417	.3393772	.0821681	.2633430

#1	1190.552	1754.685	49318.19	6138.592	2859.766
#2	1190.275	1746.997	49613.82	6130.395	2855.524
#3	1204.591	1746.059	49604.42	6129.416	2845.159

Sample Name: I4013-13 Acquired: 7/11/2017 16:35:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.556807	-.014055	1.220050	-.030038	.0161088	60.51560	.8857837
Stddev	.022785	.001293	.010007	.005899	.0006930	.42438	.0054584
%RSD	.8911524	9.200671	.8202084	19.63855	4.302157	.7012680	.6162225

#1	2.542566	-.015547	1.211042	-.035265	.0154032	60.10879	.8800092
#2	2.544769	-.013256	1.218288	-.023642	.0161348	60.95560	.8908585
#3	2.583086	-.013362	1.230821	-.031208	.0167885	60.48242	.8864835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044520	.0440447	385.7921	.5406481	.0440884	.9685061	167.0259
Stddev	.0000762	.0003077	3.5277	.0030713	.0005654	.0062247	1.2243
%RSD	1.712676	.6985750	.9143970	.5680841	1.282324	.6427064	.7329807

#1	.0045398	.0437509	381.8668	.5423425	.0436410	.9631738	165.7107
#2	.0044128	.0440187	388.6974	.5424990	.0439004	.9753462	168.1323
#3	.0044033	.0443646	386.8120	.5371027	.0447238	.9669985	167.2348

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.323528	42.47073	.0948999	.0011797	17.91180	.2089053	2.759440
Stddev	.008958	.29452	.0007023	.0001986	.23817	.0007725	.032015
%RSD	.6768447	.6934594	.7400290	16.83690	1.329671	.3697655	1.160193

#1	1.313838	42.13833	.0942166	.0011817	17.69625	.2083037	2.724448
#2	1.331508	42.69915	.0948636	.0013773	18.16749	.2086358	2.766609
#3	1.325238	42.57470	.0956197	.0009800	17.87167	.2097764	2.787262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.517857	11.64891	-.301351	.0199988	454.8696	2.294723	.0369410
Stddev	.062153	.07335	.001763	.0003150	2.6381	.016506	.0020445
%RSD	.8267335	.6296785	.5851481	1.575327	.5799646	.7193171	5.534473

#1	7.451906	11.61303	-.300091	.0196630	453.0805	2.285472	.0345890
#2	7.575343	11.60042	-.303366	.0200453	453.6289	2.313780	.0382935
#3	7.526321	11.73330	-.300597	.0202879	457.8993	2.284916	.0379404

Sample Name: I4013-13 Acquired: 7/11/2017 16:35:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MBDWS3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.942173	.1015346	1.807875
Stddev	.013806	.0007444	.012454
%RSD	.7108316	.7331430	.6888776

#1	1.928770	.1010453	1.796632
#2	1.956349	.1011674	1.821262
#3	1.941402	.1023913	1.805731

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1198.005	1757.189	49855.66	6306.689	2839.581
Stddev	6.475	11.620	114.02	43.182	21.179
%RSD	.5404700	.6612657	.2286978	.6847040	.7458436

#1	1205.377	1767.953	49952.91	6351.506	2861.808
#2	1195.400	1758.745	49730.17	6265.352	2837.299
#3	1193.238	1744.870	49883.88	6303.209	2819.635

Sample Name: I4013-14 Acquired: 7/11/2017 16:39:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4093010	-.024354	.7050298	-.036614	.0088321	76.69042	5.203229
Stddev	.0053786	.002159	.0037671	.004327	.0009286	.12038	.010808
%RSD	1.314105	8.865741	.5343147	11.81766	10.51360	.1569731	.2077166

#1	.4061034	-.026759	.7092341	-.036431	.0080774	76.55715	5.197487
#2	.4155108	-.022582	.7038943	-.041030	.0085498	76.72284	5.196505
#3	.4062888	-.023722	.7019612	-.032382	.0098691	76.79128	5.215697

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086821	.0263962	354.8238	.2785557	.0603704	.6715213	193.3991
Stddev	.0001337	.0001096	.7546	.0045645	.0002634	.0011929	.1767
%RSD	1.539735	.4150549	.2126732	1.638636	.4363356	.1776439	.0913895

#1	.0086405	.0263677	353.9663	.2834010	.0606745	.6701660	193.1984
#2	.0085742	.0263037	355.3867	.2779295	.0602141	.6719857	193.5314
#3	.0088316	.0265172	355.1182	.2743366	.0602225	.6724122	193.4675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.793819	47.74958	.1401728	.0001543	56.91838	.2123487	2.365768
Stddev	.004624	.15087	.0003994	.0003068	.20454	.0005378	.006706
%RSD	.2577699	.3159524	.2849052	198.8328	.3593596	.2532452	.2834580

#1	1.790806	47.68111	.1397340	-.000146	56.73821	.2126002	2.371850
#2	1.791507	47.64508	.1405149	.000467	56.87620	.2127146	2.366877
#3	1.799142	47.92254	.1402695	.000142	57.14072	.2117313	2.358577

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.98148	6.803802	-.337706	.0376360	109.3863	2.433234	.0521061
Stddev	.01709	.121399	.001439	.0007023	1.1796	.006787	.0023133
%RSD	.1556584	1.784285	.4260829	1.866072	1.078379	.2789217	4.439585

#1	10.98412	6.702647	-.339364	.0383855	108.4260	2.425845	.0512140
#2	10.99710	6.770335	-.336966	.0375293	109.0299	2.439190	.0547326
#3	10.96322	6.938424	-.336788	.0369931	110.7030	2.434667	.0503717

Sample Name: I4013-14 Acquired: 7/11/2017 16:39:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.389053	.1619329	2.090374
Stddev	.000197	.0012205	.001947
%RSD	.0141995	.7536823	.0931206

#1	1.389067	.1607091	2.088227
#2	1.389242	.1619395	2.092025
#3	1.388848	.1631500	2.090869

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1229.842	1790.163	50542.37	6292.278	2785.236
Stddev	12.313	6.525	597.76	14.926	5.454
%RSD	1.001161	.3645087	1.182683	.2372048	.1958280

#1	1217.553	1782.732	49942.16	6302.647	2779.082
#2	1229.795	1794.959	50547.30	6275.172	2787.157
#3	1242.178	1792.799	51137.64	6299.016	2789.470

Sample Name: CCV091 Acquired: 7/11/2017 16:43:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.961989	4.710562	23.77330	4.835669	4.920025	398.3886
Stddev	.022147	.037519	.03564	.018695	.016000	4.8147
%RSD	.4463328	.7964877	.1499151	.3866069	.3251972	1.208545

#1	4.987386	4.753759	23.78631	4.856716	4.934040	402.6930
#2	4.946697	4.691828	23.73298	4.820990	4.902592	393.1892
#3	4.951885	4.686098	23.80061	4.829301	4.923441	399.2836

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.910294	.4773409	2.431985	392.2179	14.73421	2.433818
Stddev	.103790	.0029916	.003593	2.4538	.10544	.006278
%RSD	1.047292	.6267230	.1477539	.6256274	.7156025	.2579358

#1	9.941763	.4785215	2.435568	394.3362	14.85585	2.440433
#2	9.794411	.4739391	2.428382	389.5291	14.66890	2.427944
#3	9.994707	.4795621	2.432006	392.7884	14.67788	2.433078

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.10038	394.2251	14.30796	394.3645	2.410891	1.261094
Stddev	.22903	3.9112	.11817	3.6589	.004140	.014998
%RSD	1.516735	.9921261	.8258942	.9277879	.1717275	1.189246

#1	15.30729	397.5777	14.40819	397.6111	2.412262	1.277897
#2	14.85428	389.9282	14.17766	390.3998	2.406239	1.249063
#3	15.13956	395.1695	14.33801	395.0824	2.414172	1.256323

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.6981	2.399208	15.07863	151.4365	5.129663	F 4.054199
Stddev	5.1026	.024500	.08626	1.9868	.056467	.028519
%RSD	1.289529	1.021151	.5720499	1.311952	1.100799	.7034419

#1	400.0835	2.421731	15.17745	152.9777	5.193423	4.071771
#2	390.0976	2.373122	15.01840	149.1943	5.085970	4.021294
#3	396.9131	2.402772	15.04005	152.1376	5.109596	4.069534

Sample Name: CCV091 Acquired: 7/11/2017 16:43:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.817915	4.965924	4.742923	4.813288	4.888928	4.980678
Stddev	.011956	.020208	.030227	.014581	.052141	.063834
%RSD	.2481663	.4069322	.6373092	.3029348	1.066521	1.281639

#1	4.830928	4.988942	4.773390	4.829213	4.934158	5.029196
#2	4.807414	4.951096	4.712942	4.800593	4.831898	4.908364
#3	4.815404	4.957736	4.742438	4.810057	4.900729	5.004476

Elem	Sr4077
Units	ppm
Avg	5.019389
Stddev	.035078
%RSD	.6988406

#1	5.038017
#2	4.978927
#3	5.041222

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1079.110	1581.361	44503.34	5763.023	2380.870
Stddev	10.058	4.752	404.89	43.868	8.010
%RSD	.9320685	.3004971	.9097976	.7611970	.3364253

#1	1067.540	1577.095	44037.30	5733.243	2374.280
#2	1084.023	1586.483	44768.59	5813.399	2389.785
#3	1085.768	1580.505	44704.14	5742.428	2378.544

Sample Name: CCB091 Acquired: 7/11/2017 16:47:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001466	.0007504	.0001983	-.000671	-.000072	.0167039	.0009246
Stddev	.0007838	.0005884	.0003818	.000273	.001722	.0066679	.0000831
%RSD	534.8566	78.40867	192.5300	40.73745	2392.231	39.91827	8.985808

#1	.0007462	.0002283	.0003616	-.000428	-.001943	.0167164	.0010129
#2	-.000740	.0006350	.0004713	-.000967	.001448	.0233655	.0009128
#3	.000434	.0013880	-.000238	-.000618	.000279	.0100297	.0008480

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000678	-.000027	.0064040	.0000043	.0002317	.0013149	.0136638
Stddev	.0000238	.000029	.0123693	.0004181	.0002084	.0008743	.0173969
%RSD	35.06417	106.5941	193.1493	9753.071	89.94044	66.49107	127.3217

#1	.0000829	-.000010	-.007616	-.000372	.0002922	.0023172	.0041543
#2	.0000801	-.000060	.015778	-.000070	-.000000	.0009185	.0337427
#3	.0000404	-.000011	.011050	.000454	.000403	.0007090	.0030943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005393	.0184069	.0001172	.0003848	.1931641	.0005511	.0014451
Stddev	.0005178	.0343724	.0003525	.0001737	.1032545	.0027738	.0023152
%RSD	96.01743	186.7365	300.8445	45.15118	53.45429	503.3260	160.2058

#1	.0011270	.0563175	.0001919	.0005694	.2757638	.0032839	.0027068
#2	.0001502	.0096275	-.000267	.0002244	.2263252	.0006312	.0028555
#3	.0003406	-.010724	.000426	.0003607	.0774031	-.002262	-.001227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076160	-.000063	.0026959	.0001960	.0135686	.0033224	-.000858
Stddev	.0128179	.000580	.0004959	.0003810	.0024798	.0003065	.000617
%RSD	168.3027	919.8074	18.39459	194.3887	18.27616	9.225819	71.89506

#1	.0221688	.000502	.0021309	.0004764	.0162414	.0030278	-.001458
#2	.0026764	-.000034	.0030592	.0003493	.0131219	.0036396	-.000226
#3	-.001997	-.000657	.0028975	-.000238	.0113425	.0032997	-.000890

Sample Name: CCB091 Acquired: 7/11/2017 16:47:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001519	.0002197	.0000655
Stddev	.000937	.0005193	.0000877
%RSD	61.66635	236.3386	133.9360

#1	-.002556	.0002674	.0001585
#2	-.001266	-.000322	.0000535
#3	-.000735	.000714	-.000016

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1317.030	1934.717	53502.72	6338.252	3758.958
Stddev	17.042	3.452	408.50	19.800	9.165
%RSD	1.293997	.1784201	.7635040	.3123839	.2438131

#1	1336.276	1936.599	53965.07	6315.911	3754.557
#2	1303.850	1930.733	53352.47	6345.216	3752.823
#3	1310.966	1936.818	53190.63	6353.628	3769.493

Sample Name: I4013-15 Acquired: 7/11/2017 16:52:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.112852	-.020382	1.352249	-.029766	.0153296	63.01046
Stddev	.036042	.000967	.020516	.002790	.0008626	.12534
%RSD	1.705868	4.742522	1.517140	9.373765	5.627087	.1989145

#1	2.153077	-.020773	1.375411	-.032105	.0147495	63.10807
#2	2.101990	-.019281	1.336364	-.026677	.0163208	63.05421
#3	2.083490	-.021091	1.344972	-.030515	.0149184	62.86912

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.954667	.0059695	.0512996	F 1155.696	.4892744	.0422807
Stddev	.030918	.0001005	.0007590	3.490	.0067284	.0008655
%RSD	.3886823	1.683470	1.479562	.3019407	1.375171	2.046957

#1	7.984413	.0058630	.0521681	1151.721	.4881280	.0429622
#2	7.956891	.0059828	.0509671	1157.112	.4831929	.0425729
#3	7.922696	.0060626	.0507636	1158.255	.4965023	.0413069

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8556694	163.3589	1.316186	46.55282	.1062792	.0010880
Stddev	.0065214	.2341	.005229	.07758	.0020108	.0003808
%RSD	.7621389	.1432954	.3972553	.1666560	1.891983	34.99516

#1	.8627587	163.2139	1.311206	46.47026	.1085807	.0011279
#2	.8543238	163.6290	1.321632	46.62422	.1053940	.0006889
#3	.8499258	163.2339	1.315721	46.56399	.1048628	.0014473

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	51.62317	.2060365	2.968497	8.308020	13.30760	-.300776
Stddev	.17241	.0031080	.034697	.031737	.21503	.000844
%RSD	.3339806	1.508467	1.168836	.3819985	1.615830	.2805163

#1	51.58086	.2093440	3.008130	8.285648	13.54841	-.299802
#2	51.81280	.2055891	2.953765	8.344342	13.23959	-.301273
#3	51.47585	.2031765	2.943598	8.294070	13.13481	-.301254

Sample Name: I4013-15 Acquired: 7/11/2017 16:52:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259610	89.40086	14.31316	.0398088	2.076759	.1067424
Stddev	.0009548	1.29352	.05465	.0013909	.002089	.0010970
%RSD	3.677961	1.446880	.3818009	3.493879	.1006109	1.027686

#1	.0270590	90.86936	14.29264	.0414143	2.074477	.1075785
#2	.0254986	88.90292	14.27174	.0390415	2.077221	.1071485
#3	.0253254	88.43031	14.37510	.0389706	2.078579	.1055003

Elem	Sr4077
Units	ppm
Avg	3.834144
Stddev	.017947
%RSD	.4680724

#1	3.819622
#2	3.828603
#3	3.854208

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1146.283	1680.831	46770.57	5961.837	2489.025
Stddev	6.676	24.397	191.00	8.860	36.136
%RSD	.5824296	1.451504	.4083753	.1486150	1.451795

#1	1139.222	1652.713	46591.27	5966.669	2447.416
#2	1147.134	1693.372	46971.44	5951.611	2507.136
#3	1152.493	1696.406	46749.00	5967.231	2512.524

Sample Name: I4013-16 Acquired: 7/11/2017 16:56:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3603911	-.018731	.5751410	-.035385	.0054982	65.79703	5.798997
Stddev	.0030045	.001538	.0074478	.001688	.0024321	.19309	.021025
%RSD	.8336750	8.210302	1.294956	4.770233	44.23554	.2934573	.3625674

#1	.3587846	-.019587	.5735356	-.036822	.0030190	65.67717	5.787429
#2	.3585313	-.019650	.5686267	-.033526	.0078804	65.69414	5.786296
#3	.3638573	-.016956	.5832606	-.035807	.0055951	66.01977	5.823266

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044454	.0240918	315.4554	.2559121	.0486030	.4622860	175.7630
Stddev	.0000895	.0002565	.4318	.0009278	.0002609	.0008692	.1936
%RSD	2.013395	1.064496	.1368855	.3625355	.5368434	.1880272	.1101480

#1	.0043700	.0239556	314.9620	.2566989	.0484867	.4618522	175.6800
#2	.0045443	.0239322	315.7644	.2548891	.0484204	.4617191	175.6247
#3	.0044218	.0243877	315.6399	.2561484	.0489018	.4632867	175.9842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.551493	42.43897	.1203290	.0003000	27.32444	.2039957	1.253756
Stddev	.003133	.25338	.0008117	.0002148	.10753	.0043887	.009819
%RSD	.2019603	.5970562	.6745526	71.60410	.3935469	2.151369	.7831974

#1	1.548218	42.25984	.1200493	.0001453	27.27730	.2027339	1.251442
#2	1.554463	42.32819	.1196942	.0002095	27.24852	.2003762	1.264525
#3	1.551798	42.72888	.1212436	.0005453	27.44749	.2088771	1.245299

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.960240	5.691675	-.304098	.0209695	86.45597	1.913015	.0258956
Stddev	.009729	.044429	.002384	.0002162	.53067	.008626	.0007733
%RSD	.0976776	.7805938	.7841227	1.030865	.6137988	.4509177	2.986225

#1	9.956021	5.702652	-.301717	.0207552	86.42507	1.903952	.0267626
#2	9.953333	5.642787	-.304091	.0209657	85.94143	1.913966	.0252771
#3	9.971367	5.729586	-.306486	.0211875	87.00141	1.921126	.0256473

Sample Name: I4013-16 Acquired: 7/11/2017 16:56:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.140249	.1464797	1.943732
Stddev	.003582	.0008614	.003126
%RSD	.3141423	.5880620	.1608208

#1	1.139219	.1473961	1.943811
#2	1.137295	.1456867	1.940568
#3	1.144233	.1463562	1.946818

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1228.456	1811.866	50392.16	6273.143	2875.927
Stddev	6.123	13.073	172.51	4.111	19.736
%RSD	.4984068	.7215003	.3423424	.0655284	.6862605

#1	1224.235	1801.906	50221.79	6273.977	2865.870
#2	1225.654	1826.669	50387.95	6276.774	2898.666
#3	1235.478	1807.024	50566.74	6268.680	2863.245

Sample Name: I4013-17 Acquired: 7/11/2017 17:00:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.644752	-.016375	1.331341	-.025713	.0145504	59.62514	6.670802
Stddev	.021181	.002407	.006441	.002158	.0016729	.29380	.040538
%RSD	.8008535	14.69734	.4837727	8.394137	11.49755	.4927534	.6076899

#1	2.666447	-.013731	1.333773	-.027341	.0126309	59.34574	6.635121
#2	2.624127	-.018437	1.324038	-.023264	.0156984	59.59818	6.662405
#3	2.643682	-.016959	1.336212	-.026533	.0153218	59.93149	6.714881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045313	.0474035	403.0347	.5347179	.0420774	.9981044	165.1806
Stddev	.0000748	.0001493	1.3426	.0363235	.0003878	.0021730	.5340
%RSD	1.651268	.3149531	.3331254	6.793012	.9216073	.2177115	.3232950

#1	.0044520	.0472463	401.8501	.5548377	.0417907	.9956930	164.8810
#2	.0045413	.0474210	402.7609	.5565294	.0419228	.9987092	164.8636
#3	.0046007	.0475433	404.4931	.4927865	.0425186	.9999109	165.7971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.388773	42.91992	.0939850	.0021439	17.64497	.2031570	2.399053
Stddev	.004286	.30256	.0008028	.0004913	.14286	.0030646	.135628
%RSD	.3086123	.7049377	.8542189	22.91492	.8096198	1.508506	5.653377

#1	1.384973	42.73448	.0938511	.0019010	17.48053	.2049060	2.478188
#2	1.387927	42.75621	.0932576	.0018213	17.71597	.1996183	2.476524
#3	1.393419	43.26906	.0948464	.0027093	17.73843	.2049467	2.242447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.573587	11.63951	-.309714	.0209458	73.98667	2.009079	.0290659
Stddev	.026925	.11723	.003706	.0005661	.45878	.028984	.0009728
%RSD	.3555152	1.007157	1.196543	2.702449	.6200812	1.442631	3.346935

#1	7.549894	11.77089	-.313200	.0214116	74.47100	2.023280	.0289868
#2	7.568001	11.54560	-.310119	.0211100	73.55864	2.028224	.0281351
#3	7.602868	11.60205	-.305822	.0203158	73.93039	1.975734	.0300759

Sample Name: I4013-17 Acquired: 7/11/2017 17:00:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.962001	.1018961	2.685454
Stddev	.008130	.0006006	.013424
%RSD	.4143617	.5894200	.4998955

#1	1.952997	.1013811	2.675049
#2	1.964203	.1017513	2.680704
#3	1.968803	.1025559	2.700607

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1255.498	1769.856	51555.33	6251.278	2817.066
Stddev	75.230	9.742	2961.96	7.820	10.855
%RSD	5.992056	.5504334	5.745197	.1250986	.3853146

#1	1203.041	1758.816	49817.46	6258.757	2804.728
#2	1221.763	1777.247	49873.18	6243.156	2825.143
#3	1341.692	1773.504	54975.35	6251.920	2821.329

Sample Name: I4013-18 Acquired: 7/11/2017 17:04:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.042286	-.017047	1.364392	-.029978	.0148131	63.99944	7.312035
Stddev	.008384	.000697	.003306	.001809	.0024401	.21156	.030933
%RSD	.2755873	4.086360	.2423002	6.034221	16.47256	.3305633	.4230402

#1	3.049037	-.017735	1.362489	-.031975	.0175706	63.80338	7.289867
#2	3.044920	-.016342	1.368209	-.029511	.0139357	63.97127	7.298865
#3	3.032901	-.017063	1.362477	-.028449	.0129331	64.22368	7.347373

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161538	.0635534	415.0503	.5992215	.0484178	1.610446	178.1480
Stddev	.0001721	.0004619	1.2640	.0357427	.0000964	.014584	.5427
%RSD	1.065427	.7268521	.3045496	5.964859	.1991851	.9055986	.3046368

#1	.0163523	.0639017	413.6112	.6404019	.0483202	1.595959	177.6830
#2	.0160466	.0637290	415.5584	.5810145	.0485130	1.610251	178.0168
#3	.0160624	.0630294	415.9812	.5762483	.0484201	1.625126	178.7443

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.537484	45.26395	.1163420	.0007301	19.45643	.2198124	4.499867
Stddev	.011757	.28727	.0004719	.0004309	.18587	.0053114	.250147
%RSD	.7647177	.6346553	.4055922	59.01523	.9553324	2.416356	5.558978

#1	1.523989	45.06707	.1158980	.0003317	19.29763	.2170104	4.788688
#2	1.545511	45.13120	.1168375	.0006712	19.41077	.2259382	4.358661
#3	1.542953	45.59359	.1162905	.0011874	19.66087	.2164887	4.352253

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.899886	12.45805	-.278637	.0413355	66.09619	3.036148	.0719637
Stddev	.052189	.28310	.002672	.0006833	.92777	.014707	.0009799
%RSD	.6606287	2.272409	.9589242	1.653116	1.403670	.4843826	1.361639

#1	7.873215	12.25420	-.281463	.0411303	65.43818	3.052028	.0715867
#2	7.866423	12.33866	-.276151	.0420980	65.69306	3.022998	.0730760
#3	7.960021	12.78129	-.278298	.0407783	67.15733	3.033416	.0712282

Sample Name: I4013-18 Acquired: 7/11/2017 17:04:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWS8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.099826	.1055248	2.622123
Stddev	.006692	.0006987	.004739
%RSD	.3186841	.6621497	.1807294

#1	2.093037	.1049217	2.618411
#2	2.106416	.1053621	2.620498
#3	2.100026	.1062905	2.627461

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1191.214	1795.625	49030.77	6248.730	2807.766
Stddev	55.028	9.323	2324.34	13.122	7.360
%RSD	4.619479	.5191957	4.740573	.2099869	.2621410

#1	1127.820	1789.619	46348.87	6258.458	2804.215
#2	1226.653	1790.892	50281.51	6253.926	2802.854
#3	1219.168	1806.365	50461.91	6233.806	2816.228

Sample Name: PB100440BL Acquired: 7/11/2017 17:08:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.0009061	.0009126	-.001010	.0008733	-.000553	-.001200	.0008209
Stddev	.0027948	.0006077	.000695	.0047124	.000973	.004805	.0001874
%RSD	308.4469	66.59350	68.82696	539.6253	175.9389	400.4466	22.83101

#1	-.001872	.0012153	-.001470	-.001226	.000032	-.004082	.0010212
#2	.003717	.0013095	-.001349	-.002425	-.001676	-.003865	.0007918
#3	.000873	.0002130	-.000210	.006271	-.000015	.004347	.0006498

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000597	-.000063	.0133098	-.000749	-.000133	-.000822	-.000925
Stddev	.0000452	.000014	.0139330	.000448	.000090	.001621	.009414
%RSD	75.72272	21.75086	104.6823	59.89063	67.57580	197.1691	1017.412

#1	.0000590	-.000061	.0199855	-.000645	-.000091	-.001323	.009354
#2	.0000149	-.000078	.0226488	-.000361	-.000072	-.002133	-.009125
#3	.0001053	-.000051	-.002705	-.001240	-.000236	.000990	-.003005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000755	.0011026	.0000584	.0003333	.1401000	.0012451	-.002962
Stddev	.000277	.0118733	.0002135	.0002030	.0444038	.0027228	.004504
%RSD	36.70225	1076.868	365.7403	60.91884	31.69434	218.6848	152.0762

#1	-.000437	-.010090	-.000142	.0001172	.1114539	.0037688	.001968
#2	-.000884	-.000158	.000035	.0005202	.1912504	-.001641	-.003992
#3	-.000945	.013556	.000283	.0003625	.1175958	.001607	-.006862

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005606	.0022721	-.004826	-.000162	.0086607	.0055213	.0001315
Stddev	.011244	.0023255	.000614	.000145	.0025566	.0010089	.0013596
%RSD	200.5779	102.3488	12.72018	89.52913	29.51930	18.27298	1034.042

#1	-.013381	.0036531	-.004120	-.000209	.0110673	.0058480	.0004883
#2	-.010723	.0035760	-.005121	.000001	.0089379	.0063263	.0012771
#3	.007287	-.000413	-.005236	-.000279	.0059768	.0043895	-.001371

Sample Name: PB100440BL Acquired: 7/11/2017 17:08:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	-.000956	-.000448	-.000116
Stddev	.000413	.000265	.000020
%RSD	43.24034	59.11684	17.46083

#1	-.000564	-.000149	-.000093
#2	-.001388	-.000542	-.000129
#3	-.000916	-.000653	-.000126

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1305.305	1975.887	52541.17	6420.592	3837.261
Stddev	92.578	15.072	3859.77	52.433	18.143
%RSD	7.092416	.7627974	7.346182	.8166440	.4728047

#1	1348.594	1988.192	54477.23	6392.479	3852.799
#2	1368.308	1980.393	55049.71	6388.210	3841.662
#3	1199.013	1959.076	48096.57	6481.087	3817.323

Sample Name: PB100440BS Acquired: 7/11/2017 17:33:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.0211599	.0617995	.0227251	.0728593	.1246148	.3972233
Stddev	.0025219	.0033169	.0014025	.0029154	.0016233	.0028889
%RSD	11.91804	5.367107	6.171730	4.001381	1.302622	.7272661

#1	.0188053	.0582871	.0239455	.0757511	.1227716	.3961722
#2	.0238210	.0622332	.0211929	.0729059	.1258315	.4004905
#3	.0208535	.0648782	.0230368	.0699209	.1252411	.3950071

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3637075	.0100387	.0105668	10.18038	.0237246	.0881147
Stddev	.0019961	.0001131	.0000558	.02953	.0003612	.0004671
%RSD	.5488095	1.126483	.5276444	.2900684	1.522345	.5300911

#1	.3658807	.0101458	.0105845	10.21370	.0233077	.0881408
#2	.3619561	.0099205	.0105043	10.15744	.0239398	.0876351
#3	.3632856	.0100499	.0106115	10.17001	.0239264	.0885682

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507177	.2142661	.0313301	10.09569	.0736680	.0188421
Stddev	.0013062	.0041794	.0006830	.09778	.0007019	.0002503
%RSD	2.575396	1.950579	2.179903	.9684930	.9528300	1.328427

#1	.0518108	.2102534	.0312070	10.20825	.0734597	.0186544
#2	.0492712	.2185943	.0320662	10.03189	.0730938	.0191263
#3	.0510712	.2139508	.0307170	10.04691	.0744505	.0187457

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.33222	.0955923	.1165037	9.520457	F .0272476	F .0180744
Stddev	.03574	.0042156	.0075232	.037351	.0016612	.0003479
%RSD	.3458863	4.409947	6.457440	.3923201	6.096727	1.924690

#1	10.30587	.1003700	.1100903	9.563337	.0255599	.0184388
#2	10.31788	.0923965	.1247847	9.503024	.0288810	.0180386
#3	10.37290	.0940104	.1146361	9.495010	.0273020	.0177458

Sample Name: PB100440BS Acquired: 7/11/2017 17:33:22 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) 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	.0219946	.2248775	.2092824	F .0142878	.2044136	.0978045
Stddev	.0001019	.0050765	.0008259	.0008419	.0014727	.0008553
%RSD	.4632587	2.257458	.3946265	5.892674	.7204390	.8744502

#1	.0221097	.2286030	.2086131	.0142856	.2054843	.0986984
#2	.0219581	.2190954	.2090288	.0151308	.2027342	.0977212
#3	.0219160	.2269341	.2102054	.0134469	.2050223	.0969940

Elem	Sr4077
Units	ppm
Avg	.2029874
Stddev	.0005622
%RSD	.2769568

#1	.2035637
#2	.2024405
#3	.2029580

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1321.527	1929.704	51713.53	6147.596	3558.393
Stddev	.695	5.641	87.03	9.047	11.058
%RSD	.0526103	.2923184	.1682838	.1471637	.3107564

#1	1321.015	1936.185	51728.63	6139.337	3571.111
#2	1321.247	1925.903	51792.02	6157.265	3551.046
#3	1322.319	1927.023	51619.94	6146.187	3553.023

Sample Name: PB100513BS Acquired: 7/11/2017 17:37:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210406	.0612739	.0201903	.0722555	.1251795	.3938574
Stddev	.0015223	.0017128	.0010691	.0030549	.0014864	.0052233
%RSD	7.235134	2.795300	5.295261	4.227908	1.187414	1.326196

#1	.0227408	.0594070	.0196891	.0704869	.1256950	.3905083
#2	.0205771	.0616421	.0214179	.0704965	.1235040	.3998760
#3	.0198039	.0627726	.0194638	.0757830	.1263395	.3911880

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3627888	.0100242	.0105599	10.11808	.0226603	.0880610
Stddev	.0023775	.0001981	.0001324	.03484	.0024776	.0002971
%RSD	.6553329	1.976333	1.253967	.3443314	10.93361	.3373331

#1	.3603511	.0098073	.0104484	10.11889	.0203524	.0877325
#2	.3651010	.0101957	.0107062	10.15251	.0252783	.0881398
#3	.3629144	.0100697	.0105251	10.08284	.0223501	.0883107

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0503539	.2182590	.0315543	10.07305	.0735966	.0183530
Stddev	.0010064	.0010955	.0007366	.02288	.0002931	.0018711
%RSD	1.998559	.5019114	2.334335	.2271465	.3981910	10.19508

#1	.0513805	.2171126	.0323606	10.07795	.0739312	.0163275
#2	.0493691	.2192952	.0313856	10.09308	.0733854	.0200170
#3	.0503121	.2183691	.0309167	10.04811	.0734732	.0187146

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.22847	.0985506	.1162530	9.497293	F .0267113	F .0176674
Stddev	.06342	.0028617	.0071983	.033975	.0017138	.0002779
%RSD	.6200499	2.903778	6.191947	.3577323	6.415869	1.573148

#1	10.15700	.0971496	.1079932	9.458208	.0277625	.0174789
#2	10.25035	.1018428	.1195782	9.513903	.0276377	.0179866
#3	10.27805	.0966593	.1211876	9.519767	.0247337	.0175368

Sample Name: PB100513BS Acquired: 7/11/2017 17:37:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: LCS002 Custom ID2: Custom ID3:
 Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223492	.2087993	.2046747	F .0142631	.2048147	.0976694
Stddev	.0003069	.0025855	.0022510	.0011966	.0013422	.0006660
%RSD	1.372975	1.238274	1.099776	8.389804	.6553457	.6818610

#1	.0220532	.2109918	.2028953	.0131056	.2037031	.0969062
#2	.0223285	.2059482	.2072052	.0154954	.2044352	.0979693
#3	.0226658	.2094579	.2039237	.0141882	.2063059	.0981328

Elem	Sr4077
Units	ppm
Avg	.2024746
Stddev	.0003563
%RSD	.1759461

#1	.2020634
#2	.2026910
#3	.2026693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1330.334	1922.077	52391.87	6157.246	3553.093
Stddev	120.850	3.945	4968.22	10.778	11.089
%RSD	9.084225	.2052260	9.482800	.1750423	.3121070

#1	1465.296	1926.483	57839.77	6164.701	3565.872
#2	1232.132	1918.874	48111.17	6144.889	3546.006
#3	1293.573	1920.874	51224.68	6162.149	3547.400

Sample Name: I4015-04 Acquired: 7/11/2017 17:41:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097654	-.005066	.0001325	.0141812	-.000454	.7866801
Stddev	.0055432	.000778	.0022737	.0012358	.001340	.0015688
%RSD	56.76338	15.35609	1715.687	8.714200	295.1693	.1994134

#1	.0036421	-.005961	-.002306	.0151449	.000610	.7878576
#2	.0112129	-.004555	.000509	.0127880	-.000012	.7848992
#3	.0144413	-.004681	.002195	.0146106	-.001960	.7872834

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0844569	.0000197	-.000380	243.5154	.0342421	.0032842
Stddev	.0006097	.0001155	.000192	.9169	.0002191	.0002006
%RSD	.7218930	584.4668	50.37936	.3765200	.6399551	6.108288

#1	.0837532	.0001342	-.000585	242.4822	.0341723	.0031516
#2	.0847921	.0000218	-.000351	244.2321	.0344876	.0031859
#3	.0848255	-.000097	-.000205	243.8320	.0340664	.0035150

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2098420	.0495216	.0000778	.0052977	.0694640	.0002457
Stddev	.0012190	.0139432	.0002236	.0353725	.0002723	.0002326
%RSD	.5808988	28.15589	287.3874	667.6954	.3920261	94.68013

#1	.2110106	.0375540	.0000405	.0207243	.0692414	-.000020
#2	.2099373	.0648325	-.000125	-.035168	.0697677	.000345
#3	.2085782	.0461782	.000318	.030337	.0693829	.000412

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2569.952	.0097944	.0037492	135.2558	.0856223	.0096906
Stddev	7.588	.0020314	.0078941	.2231	.0040141	.0009000
%RSD	.2952473	20.73997	210.5530	.1649795	4.688177	9.287220

#1	2561.231	.0077008	.0116949	135.0124	.0866984	.0104833
#2	2575.040	.0117572	-.004092	135.4508	.0811797	.0087123
#3	2573.584	.0099254	.003645	135.3041	.0889886	.0098762

Sample Name: I4015-04 Acquired: 7/11/2017 17:41:39 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2958457	687.7718	3.684228	-.007994	-.005526	.0250729
Stddev	.0014377	4.6424	.015406	.002442	.000302	.0004358
%RSD	.4859600	.6749861	.4181630	30.54891	5.466752	1.738025

#1	.2958905	688.6478	3.671647	-.006647	-.005581	.0250119
#2	.2943861	682.7539	3.679628	-.010814	-.005200	.0246709
#3	.2972604	691.9138	3.701411	-.006523	-.005796	.0255360

Elem	Sr4077
Units	ppm
Avg	2.629549
Stddev	.004171
%RSD	.1586027

#1	2.624845
#2	2.632794
#3	2.631008

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1068.065	1563.479	40003.40	5697.936	2277.908
Stddev	2.767	10.663	86.56	15.613	8.665
%RSD	.2590436	.6819804	.2163908	.2740137	.3803775

#1	1070.553	1566.557	39954.48	5714.188	2279.336
#2	1065.085	1572.264	39952.37	5696.567	2285.770
#3	1068.556	1551.616	40103.35	5683.052	2268.618

Sample Name: I4015-05 Acquired: 7/11/2017 17:45:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138518	-.001595	-.000077	.0145736	-.000627	.8213203
Stddev	.0045197	.001035	.001807	.0012857	.001603	.0037845
%RSD	32.62897	64.91618	2350.076	8.822131	255.6434	.4607782

#1	.0102929	-.002634	-.000975	.0158355	-.000212	.8170986
#2	.0189370	-.000563	-.001259	.0132653	.000727	.8224540
#3	.0123254	-.001587	.002003	.0146199	-.002398	.8244084

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913993	.0000604	-.000238	262.3633	.0354904	.0036221
Stddev	.0001507	.0000870	.000171	.4800	.0000688	.0002878
%RSD	.1649095	144.0361	71.92583	.1829634	.1937582	7.946377

#1	.0912930	-.000025	-.000115	261.9140	.0354943	.0036988
#2	.0913330	.000058	-.000165	262.8690	.0354197	.0033037
#3	.0915718	.000149	-.000433	262.3068	.0355571	.0038638

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2046614	.0305884	-.000889	.0783275	.0734378	.0003177
Stddev	.0020609	.0009786	.000429	.0140580	.0003114	.0003301
%RSD	1.006969	3.199399	48.29417	17.94770	.4239810	103.9001

#1	.2064388	.0294811	-.000429	.0707204	.0730783	.0001384
#2	.2051432	.0313375	-.000958	.0697123	.0736167	.0001161
#3	.2024024	.0309465	-.001279	.0945499	.0736185	.0006986

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 2750.725	.0094108	.0038003	144.2737	.0934525	.0105119
Stddev	7.526	.0008350	.0065933	.7545	.0039744	.0007503
%RSD	.2735879	8.872772	173.4950	.5229300	4.252865	7.137527

#1	2748.500	.0103248	.0113925	143.9301	.0895997	.0107299
#2	2744.563	.0092195	-.000485	143.7521	.0932197	.0111290
#3	2759.112	.0086880	.000493	145.1388	.0975383	.0096767

Sample Name: I4015-05 Acquired: 7/11/2017 17:45:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2954742	738.1702	3.933299	-.010077	-.006782	.0268151
Stddev	.0003561	2.8697	.008024	.000624	.001076	.0001621
%RSD	.1205089	.3887624	.2039898	6.196781	15.87153	.6044960

#1	.2951726	735.5712	3.929229	-.010274	-.005547	.0266347
#2	.2953829	737.6894	3.928127	-.009377	-.007521	.0268619
#3	.2958670	741.2500	3.942542	-.010578	-.007278	.0269487

Elem	Sr4077
Units	ppm
Avg	2.807235
Stddev	.003723
%RSD	.1326374

#1	2.805187
#2	2.804986
#3	2.811533

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1054.336	1566.911	39642.08	5699.875	2262.872
Stddev	3.354	5.146	42.57	8.078	6.765
%RSD	.3181033	.3284054	.1073739	.1417160	.2989363

#1	1055.805	1562.502	39680.73	5705.700	2264.050
#2	1056.705	1572.565	39596.46	5703.272	2268.971
#3	1050.498	1565.666	39649.05	5690.654	2255.597

Sample Name: I4015-06 Acquired: 7/11/2017 17:49:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0698252	-.001183	.0138824	.0113053	.0004747	1.535937
Stddev	.0076176	.002510	.0020385	.0042725	.0011795	.070337
%RSD	10.90954	212.0700	14.68436	37.79170	248.4824	4.579446

#1	.0776135	-.001863	.0125325	.0161036	.0016971	1.463700
#2	.0694715	.001596	.0162274	.0079130	-.000656	1.539906
#3	.0623906	-.003283	.0128874	.0098994	.000383	1.604206

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.181006	.0001064	.0000415	165.4399	.0675110	.0054934
Stddev	.051246	.0000089	.0001283	6.4638	.0009059	.0003148
%RSD	4.339205	8.329891	309.5375	3.907025	1.341834	5.731261

#1	1.133536	.0001165	.0001092	158.6616	.0674927	.0057476
#2	1.174144	.0001026	-.000107	166.1231	.0684259	.0051412
#3	1.235337	.0001000	.000122	171.5349	.0666145	.0055913

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4670330	1.428236	.0171367	.2423046	.0816477	.0011720
Stddev	.0208268	.058578	.0004925	.0228822	.0052616	.0002952
%RSD	4.459391	4.101444	2.873801	9.443574	6.444328	25.18373

#1	.4472962	1.366322	.0168207	.2195907	.0877228	.0008359
#2	.4650018	1.435603	.0168854	.2419718	.0786844	.0013889
#3	.4888010	1.482782	.0177042	.2653515	.0785360	.0012912

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 1837.738	.0142622	.0270945	112.6982	.2027119	.0116978
Stddev	73.919	.0044577	.0067666	4.4600	.0107668	.0002777
%RSD	4.022278	31.25576	24.97401	3.957448	5.311395	2.373934

#1	1761.550	.0121512	.0212974	108.2484	.2149816	.0115433
#2	1842.508	.0112520	.0345298	112.6778	.1983136	.0120184
#3	1909.157	.0193833	.0254564	117.1683	.1948405	.0115316

Sample Name: I4015-06 Acquired: 7/11/2017 17:49:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3300804	539.6771	5.192715	-.005261	.0191826	.0220515
Stddev	.0204036	35.1386	.157301	.000649	.0014072	.0011660
%RSD	6.181414	6.511046	3.029257	12.34456	7.335833	5.287792

#1	.3535419	580.2330	5.031802	-.004988	.0179700	.0207240
#2	.3202148	520.4666	5.200207	-.006003	.0188523	.0225203
#3	.3164846	518.3318	5.346136	-.004793	.0207256	.0229101

Elem	Sr4077
Units	ppm
Avg	2.173577
Stddev	.087205
%RSD	4.012067

#1	2.085641
#2	2.175056
#3	2.260033

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1105.399	1576.745	41912.17	5941.558	2341.799
Stddev	4.736	92.448	152.89	188.974	136.290
%RSD	.4284309	5.863214	.3647837	3.180551	5.819883

#1	1099.945	1470.052	41781.44	6136.109	2184.464
#2	1108.475	1627.081	41874.80	5929.861	2417.446
#3	1107.777	1633.103	42080.28	5758.704	2423.488

Sample Name: I4015-07 Acquired: 7/11/2017 17:53:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0940853	-.002926	.0990530	.0047431	.0088123	1.689891
Stddev	.0041987	.000828	.0033758	.0009697	.0022175	.011546
%RSD	4.462668	28.30647	3.408101	20.44369	25.16351	.6832144

#1	.0967540	-.002700	.1021032	.0038581	.0108624	1.694812
#2	.0962564	-.003844	.0954259	.0045917	.0091158	1.698160
#3	.0892456	-.002234	.0996299	.0057796	.0064587	1.676700

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1065379	.0003169	.0055556	F 1696.446	.0373481	.0008059
Stddev	.0010888	.0000178	.0002893	20.772	.0003179	.0001840
%RSD	1.022001	5.610680	5.206911	1.224416	.8512338	22.83437

#1	.1058848	.0003050	.0052581	1699.335	.0369887	.0006607
#2	.1059341	.0003084	.0055726	1674.381	.0375927	.0010129
#3	.1077948	.0003374	.0058359	1715.621	.0374629	.0007443

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9894616	4.817196	.0868471	12.35482	.0081732	-.000573
Stddev	.0077710	.038366	.0013165	.09769	.0004519	.000394
%RSD	.7853748	.7964430	1.515866	.7907044	5.529271	68.77645

#1	.9922616	4.794655	.0873338	12.26359	.0079579	-.000745
#2	.9806786	4.795438	.0853566	12.34296	.0078691	-.000851
#3	.9954445	4.861495	.0878510	12.45789	.0086925	-.000122

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	371.5604	.0279297	.2211708	31.71041	1.798692	.2216056
Stddev	2.9653	.0011698	.0015945	.16668	.012833	.0013233
%RSD	.7980794	4.188531	.7209138	.5256220	.7134709	.5971597

#1	371.1776	.0282599	.2205979	31.75977	1.785676	.2218128
#2	368.8050	.0288989	.2229726	31.52463	1.799066	.2201909
#3	374.6986	.0266302	.2199420	31.84684	1.811335	.2228131

Sample Name: I4015-07 Acquired: 7/11/2017 17:53:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464418	1496.049	4.530494	-.010518	.0566087	.0115134
Stddev	.0013406	6.926	.025131	.001007	.0009198	.0001731
%RSD	2.886547	.4629787	.5547153	9.573408	1.624779	1.503045

#1	.0449794	1494.218	4.521630	-.010297	.0573886	.0114155
#2	.0476125	1490.223	4.510995	-.011617	.0555944	.0114115
#3	.0467333	1503.708	4.558856	-.009640	.0568431	.0117132

Elem	Sr4077
Units	ppm
Avg	1.607988
Stddev	.009584
%RSD	.5960491

#1	1.608960
#2	1.597954
#3	1.617049

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1093.232	1596.670	42902.49	5799.042	2414.081
Stddev	2.372	43.843	36.67	23.669	48.875
%RSD	.2169649	2.745894	.0854797	.4081558	2.024561

#1	1090.600	1630.411	42903.32	5813.554	2452.664
#2	1095.204	1547.114	42938.74	5811.842	2359.121
#3	1093.893	1612.485	42865.40	5771.729	2430.458

Sample Name: I4013-04 Acquired: 7/11/2017 18:02:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.269712	-.022324	1.144856	-.039911	.0139686	86.06162	4.809142
Stddev	.005066	.002721	.015901	.003376	.0035958	.10157	.008962
%RSD	.2232068	12.19034	1.388949	8.458367	25.74225	.1180185	.1863536

#1	2.264178	-.019195	1.127509	-.043096	.0165757	86.04093	4.798895
#2	2.270835	-.024144	1.158743	-.036372	.0154636	86.17194	4.813016
#3	2.274122	-.023631	1.148317	-.040266	.0098664	85.97198	4.815515

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060174	.0518999	715.9197	.5600071	.0499740	.9051689	231.3115
Stddev	.0001175	.0004936	1.1981	.0016845	.0003634	.0058545	.3737
%RSD	1.952064	.9511644	.1673522	.3008074	.7272630	.6467832	.1615709

#1	.0060028	.0513304	714.8697	.5594292	.0495596	.9037729	230.9790
#2	.0059079	.0521631	715.6644	.5619045	.0502384	.9115952	231.2396
#3	.0061415	.0522062	717.2248	.5586875	.0501241	.9001387	231.7160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.954171	42.99250	.1332511	.0011346	108.5803	.2543381	3.017825
Stddev	.006826	.06964	.0006821	.0001118	.5164	.0035580	.002867
%RSD	.2310469	.1619899	.5119132	9.856356	.4756128	1.398911	.0950166

#1	2.957630	42.91599	.1324635	.0012353	108.1802	.2556919	3.020201
#2	2.946309	43.00929	.1336471	.0011542	109.1633	.2570205	3.018635
#3	2.958576	43.05221	.1336428	.0010143	108.3976	.2503020	3.014640

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.59612	13.23073	-.337215	.0262487	109.7630	1.669120	.0409192
Stddev	.06145	.08615	.001760	.0008224	.7353	.010309	.0029480
%RSD	.4519753	.6510998	.5220223	3.133191	.6699269	.6176563	7.204463

#1	13.53125	13.13160	-.335186	.0255356	108.9143	1.670983	.0379181
#2	13.65346	13.27314	-.338329	.0260622	110.1645	1.678371	.0410284
#3	13.60363	13.28745	-.338131	.0271484	110.2102	1.658006	.0438111

Sample Name: I4013-04 Acquired: 7/11/2017 18:02:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWR4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.175396	.1059897	3.179844
Stddev	.001728	.0004290	.003619
%RSD	.0794458	.4048019	.1138066

#1	2.176257	.1064114	3.179141
#2	2.173407	.1060039	3.183762
#3	2.176525	.1055537	3.176627

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1272.344	1873.943	48670.99	5907.056	2676.537
Stddev	6.481	6.959	41.87	11.014	19.841
%RSD	.5093994	.3713599	.0860277	.1864550	.7413016

#1	1266.145	1881.959	48710.11	5907.288	2699.106
#2	1279.075	1869.450	48626.83	5895.927	2661.836
#3	1271.813	1870.420	48676.02	5917.952	2668.670

Sample Name: I4015-08 Acquired: 7/11/2017 18:06:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218829	-.002226	.0005596	-.001093	.0222436	.0820209
Stddev	.0019400	.002817	.0015855	.004848	.0006567	.0096854
%RSD	8.865217	126.5474	283.3045	443.3123	2.952077	11.80843

#1	.0228631	.000996	.0010426	-.002968	.0230010	.0923174
#2	.0231372	-.004227	-.001211	.004411	.0218952	.0806534
#3	.0196484	-.003448	.001847	-.004724	.0218345	.0730920

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0311866	.0000931	.0006429	F 1298.508	.0014014	-.001322
Stddev	.0005223	.0001122	.0000783	9.962	.0006740	.000344
%RSD	1.674646	120.4767	12.18159	.7672092	48.09776	26.06370

#1	.0310210	-.000005	.0005879	1304.687	.0018030	-.001504
#2	.0317716	.000216	.0007326	1303.823	.0006232	-.000924
#3	.0307672	.000069	.0006083	1287.016	.0017780	-.001536

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1500003	.0573325	.0193804	18.97728	.0027640	.0061472
Stddev	.0036742	.0238095	.0007677	.17485	.0004914	.0002346
%RSD	2.449479	41.52886	3.961414	.9213743	17.77861	3.816437

#1	.1538163	.0577213	.0197284	19.13275	.0031623	.0063053
#2	.1496978	.0809453	.0199124	19.01112	.0029147	.0058777
#3	.1464866	.0333310	.0185002	18.78799	.0022149	.0062588

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 863.1066	.0161708	.0123712	43.52322	.1666472	.3242317
Stddev	6.3743	.0002974	.0097732	.22813	.0034322	.0017080
%RSD	.7385273	1.839442	78.99941	.5241477	2.059565	.5267867

#1	869.0850	.0164351	.0135291	43.70815	.1662509	.3261654
#2	863.8355	.0162286	.0020707	43.59322	.1702604	.3236012
#3	856.3991	.0158487	.0215139	43.26830	.1634304	.3229287

Sample Name: I4015-08 Acquired: 7/11/2017 18:06:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MBDWT4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1812332	1183.897	3.245773	-.011787	-.025109	.0109507
Stddev	.0008346	4.574	.010290	.002159	.000479	.0006002
%RSD	.4605020	.3863417	.3170392	18.32144	1.907701	5.481330

#1	.1818959	1182.878	3.242612	-.010876	-.025647	.0112991
#2	.1802959	1179.918	3.257273	-.010231	-.024953	.0112954
#3	.1815079	1188.894	3.237434	-.014252	-.024728	.0102576

Elem	Sr4077
Units	ppm
Avg	1.310054
Stddev	.009302
%RSD	.7100248

#1	1.317071
#2	1.313588
#3	1.299503

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1094.535	1585.675	42189.74	5585.703	2402.170
Stddev	12.473	18.340	552.15	28.341	17.503
%RSD	1.139593	1.156620	1.308738	.5073843	.7286495

#1	1107.717	1564.754	42822.08	5568.248	2386.382
#2	1082.918	1598.984	41802.98	5570.457	2420.992
#3	1092.971	1593.286	41944.15	5618.403	2399.135

Sample Name: CCV092 Acquired: 7/11/2017 18:10:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.811061	4.784184	24.70970	4.646717	4.763036	394.9955
Stddev	.008733	.014411	.06031	.005135	.007430	2.3054
%RSD	.1815278	.3012284	.2440627	.1105033	.1559996	.5836449

#1	4.801225	4.800157	24.72384	4.647263	4.754459	393.5173
#2	4.814051	4.780238	24.64358	4.651558	4.767151	393.8172
#3	4.817906	4.772156	24.76168	4.641331	4.767499	397.6518

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.671010	.5129781	2.620232	410.0395	15.48610	2.535194
Stddev	.042519	.0028486	.010636	3.1313	.30345	.006086
%RSD	.4396565	.5553153	.4059207	.7636691	1.959499	.2400545

#1	9.625438	.5125641	2.623226	407.1617	15.74219	2.535194
#2	9.677974	.5103591	2.608420	409.5826	15.15094	2.529109
#3	9.709617	.5160111	2.629050	413.3742	15.56518	2.541281

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.66913	406.4560	14.83340	402.4998	2.513562	1.280036
Stddev	.10973	3.2373	.11023	2.9004	.009560	.023792
%RSD	.7480225	.7964770	.7431224	.7206039	.3803548	1.858676

#1	14.62118	403.6053	14.72057	399.9485	2.519884	1.298432
#2	14.59154	405.7872	14.83881	401.8965	2.502564	1.253168
#3	14.79467	409.9755	14.94083	405.6545	2.518240	1.288509

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	391.4903	2.455187	13.61762	147.7562	5.115844	F 4.230767
Stddev	1.4350	.028595	.26182	.9069	.041751	.026728
%RSD	.3665461	1.164661	1.922673	.6137992	.8161134	.6317570

#1	390.9485	2.430450	13.82892	147.4702	5.146387	4.225194
#2	390.4051	2.448617	13.32471	147.0268	5.132876	4.207265
#3	393.1173	2.486495	13.69923	148.7717	5.068269	4.259842

Sample Name: CCV092 Acquired: 7/11/2017 18:10:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.832567	5.200935	4.949711	5.012237	4.936492	4.770332
Stddev	.002643	.031240	.020860	.025674	.035291	.016422
%RSD	.0546857	.6006651	.4214478	.5122196	.7148999	.3442463

#1	4.829520	5.221744	4.945195	5.015716	4.914573	4.765739
#2	4.834226	5.216050	4.931477	4.985002	4.917701	4.756696
#3	4.833957	5.165012	4.972459	5.035994	4.977202	4.788561

Elem	Sr4077
Units	ppm
Avg	4.975628
Stddev	.032754
%RSD	.6582921

#1	4.941931
#2	4.977603
#3	5.007350

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1135.697	1653.180	44713.36	5563.498	2420.949
Stddev	22.542	.799	723.42	24.659	3.557
%RSD	1.984835	.0483290	1.617898	.4432303	.1469179

#1	1116.061	1653.853	44102.49	5585.623	2418.332
#2	1160.312	1652.297	45512.21	5567.957	2424.999
#3	1130.719	1653.391	44525.38	5536.913	2419.516

Sample Name: CCB092 Acquired: 7/11/2017 18:14:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041407	-.001302	.0008067	-.004474	.0005849	.0130972	.0007641
Stddev	.0012364	.000270	.0019023	.001601	.0005014	.0024740	.0000744
%RSD	29.85891	20.72933	235.8088	35.78746	85.71855	18.88970	9.743591

#1	.0038816	-.001246	-.001102	-.004623	.0009886	.0157424	.0007851
#2	.0030544	-.001065	.000820	-.002804	.0007424	.0127087	.0006814
#3	.0054860	-.001596	.002703	-.005997	.0000237	.0108404	.0008258

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	.0000938	.0175088	-.000175	.0000045	-.000225	.0136198
Stddev	.000018	.0000548	.0071351	.000135	.0002849	.001232	.0095221
%RSD	270.2424	58.48518	40.75180	76.95405	6315.676	546.3432	69.91384

#1	.000010	.0001097	.0217443	-.000275	.0003335	-.001638	.0165372
#2	-.000004	.0001388	.0215112	-.000229	-.000154	.000628	.0029803
#3	-.000026	.0000327	.0092709	-.000022	-.000166	.000333	.0213419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000403	-.001803	.0003120	.0002697	.0642370	.0022693	.0017277
Stddev	.000077	.029622	.0001582	.0002380	.0107283	.0025917	.0013528
%RSD	19.05935	1642.984	50.70731	88.22437	16.70110	114.2052	78.30001

#1	-.000324	-.026352	.0003723	.0005252	.0591734	.0025453	.0011820
#2	-.000407	.031098	.0001325	.0002297	.0569776	-.000449	.0007330
#3	-.000477	-.010154	.0004313	.0000543	.0765599	.004712	.0032681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539353	-.002653	.0035345	.0002500	.0552803	.0006568	.0005097
Stddev	.0079900	.000896	.0003746	.0003324	.0018348	.0007699	.0004366
%RSD	14.81413	33.78383	10.59724	132.9602	3.319101	117.2108	85.65000

#1	.0625878	-.001694	.0039576	.0006092	.0571769	-.000106	.0001042
#2	.0523822	-.003469	.0032454	.0001878	.0551498	.001433	.0004530
#3	.0468358	-.002798	.0034004	-.000047	.0535142	.000644	.0009718

Sample Name: CCB092 Acquired: 7/11/2017 18:14:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v60) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000889	.0002133	.0000888
Stddev	.000705	.0004367	.0000654
%RSD	79.22929	204.6835	73.67016

#1	-.000355	.0004145	.0001642
#2	-.001688	.0005132	.0000553
#3	-.000625	-.000288	.0000470

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1416.949	2081.861	54118.04	6249.164	3858.305
Stddev	7.838	9.825	291.42	33.490	14.434
%RSD	.5531586	.4719202	.5384823	.5359187	.3741096

#1	1408.055	2092.094	53794.37	6233.977	3874.902
#2	1419.946	2080.984	54200.18	6225.958	3851.323
#3	1422.847	2072.504	54359.57	6287.557	3848.688