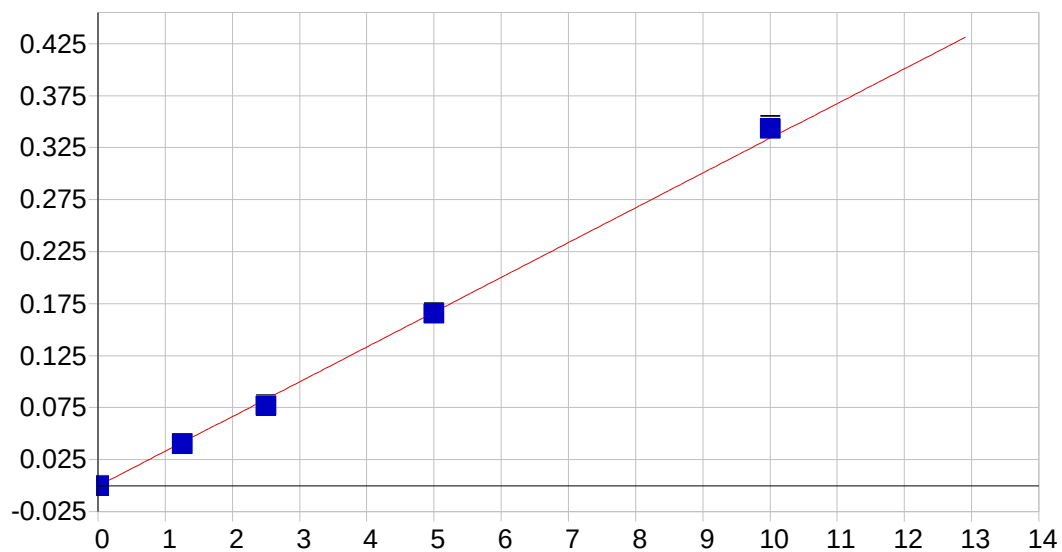




As 189.042 {479}

Date of Fit: 8/15/2018 15:08:34

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000418

Re-Slope: 1.000000

A1 (Gain): 0.033444

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999381

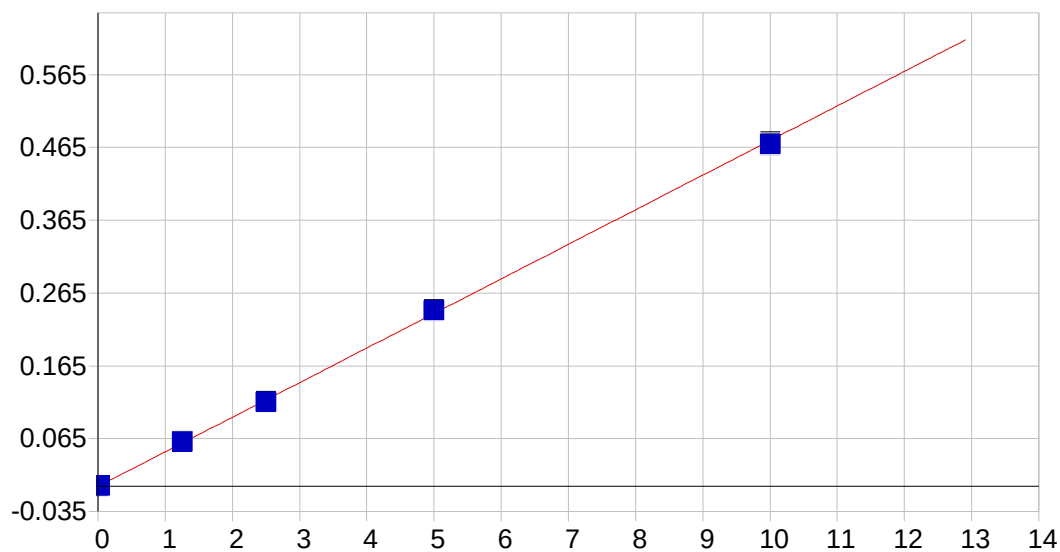
Status: OK.

Std Error of Est: 0.000020

Predicted MDL: 0.004469

Predicted MQL: 0.014895

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00042	.000	1
S1	.01000	.01184	.002	18.4	-.00002	.000	1
S2	1.2500	1.2096	-.040	-3.23	.04013	.000	1
S3	2.5000	2.3119	-.188	-7.52	.07710	.001	1
S4	5.0000	4.9585	-.042	-.831	.16581	.001	1
S5	10.000	10.268	.268	2.68	.34378	.003	1

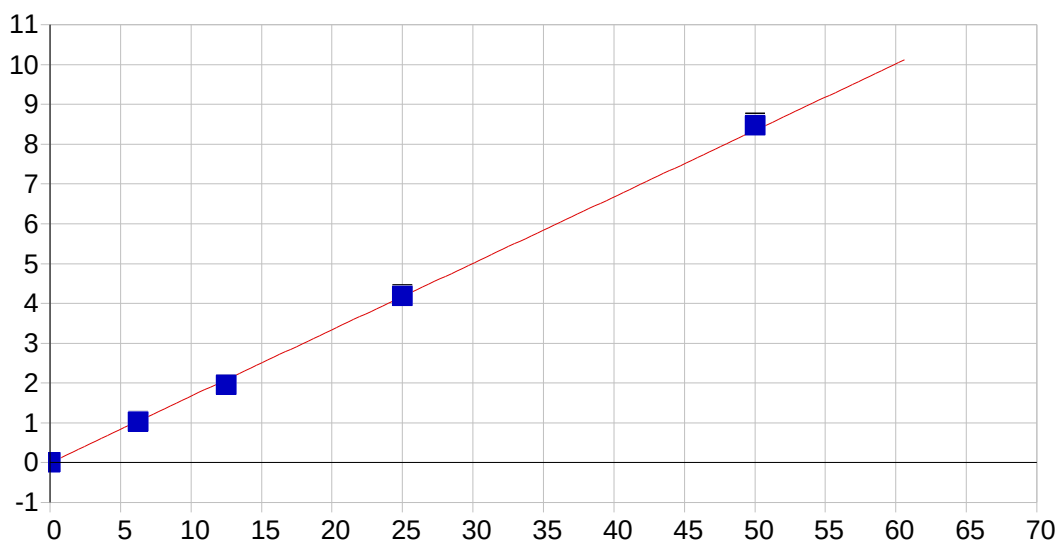


TI 190.856 {477}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000579 Re-Slope: 1.000000
 A1 (Gain): 0.047515 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999854 Status: OK.
 Std Error of Est: 0.000021
 Predicted MDL: 0.002919
 Predicted MQL: 0.009730

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00058	.000	1
S1	.02500	.02503	.000	.111	.00059	.000	1
S2	1.2500	1.2934	.043	3.47	.06052	.000	1
S3	2.5000	2.4477	-.052	-2.09	.11501	.001	1
S4	5.0000	5.0998	.100	2.00	.24030	.001	1
S5	10.000	9.9091	-.091	-.909	.46739	.003	1

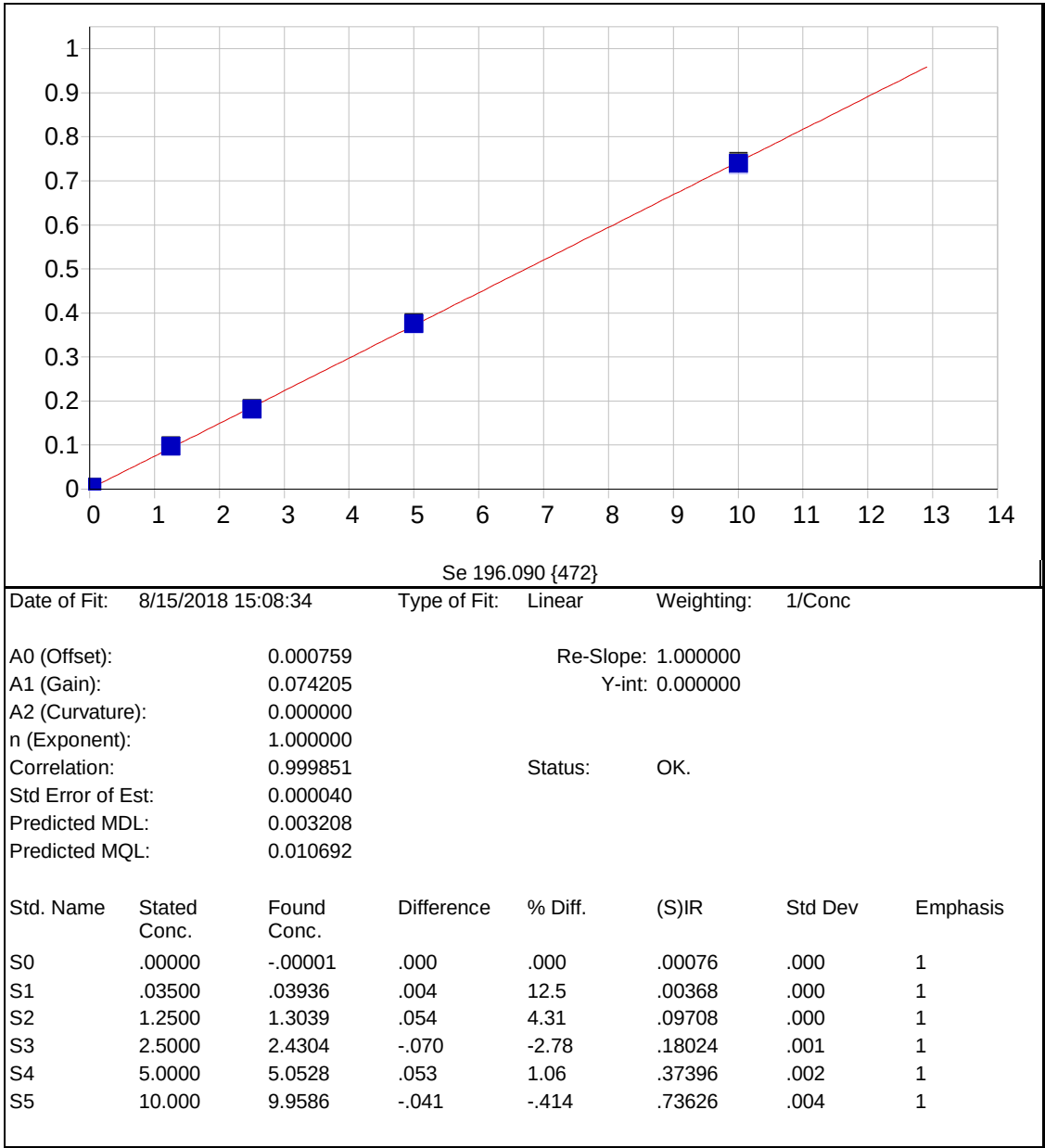


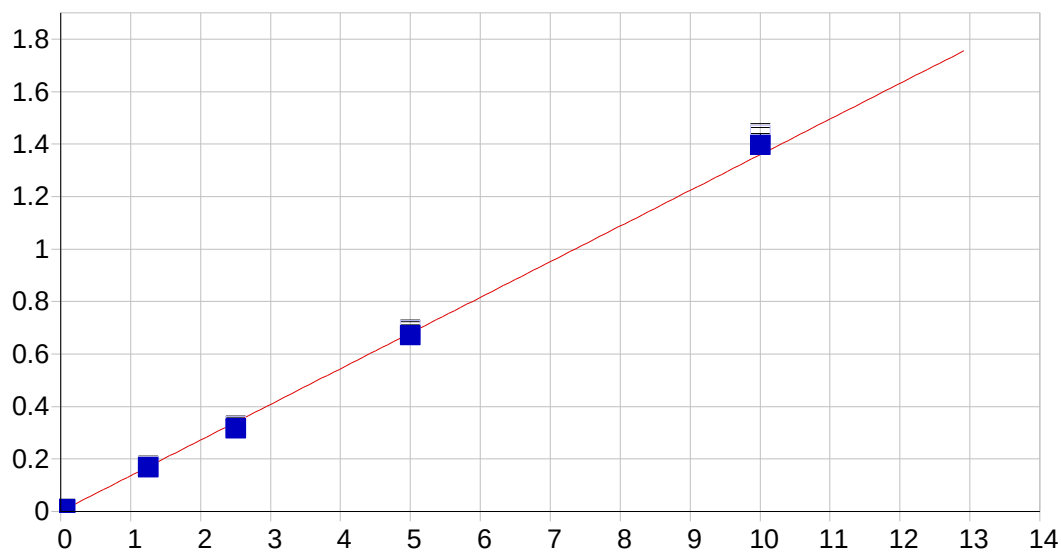
Pb 220.353 {453}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000421 Re-Slope: 1.000000
 A1 (Gain): 0.166882 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999671 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.002167
 Predicted MQL: 0.007224

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00042	.000	1
S1	.01000	.01160	.002	16.0	.00152	.000	1
S2	6.2500	6.1832	-.067	-1.07	1.0329	.004	1
S3	12.500	11.719	-.781	-6.25	1.9581	.004	1
S4	25.000	25.079	.079	.314	4.1905	.028	1
S5	50.000	50.768	.768	1.54	8.4834	.052	1



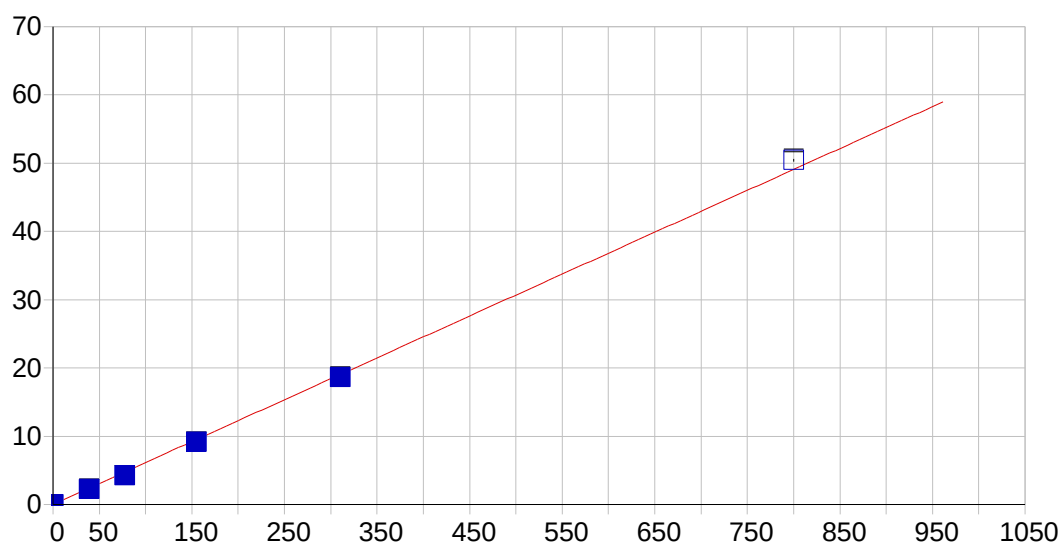


Sb 206.833 {463}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000466 Re-Slope: 1.000000
 A1 (Gain): 0.135890 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999425 Status: OK.
 Std Error of Est: 0.000195
 Predicted MDL: 0.002002
 Predicted MQL: 0.006672

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.06000	.06453	.005	7.55	.00923	.000	1
S2	1.2500	1.2302	-.020	-1.58	.17227	.001	1
S3	2.5000	2.3140	-.186	-7.44	.32417	.002	1
S4	5.0000	4.9298	-.070	-1.40	.68888	.003	1
S5	10.000	10.272	.272	2.72	1.4333	.007	1

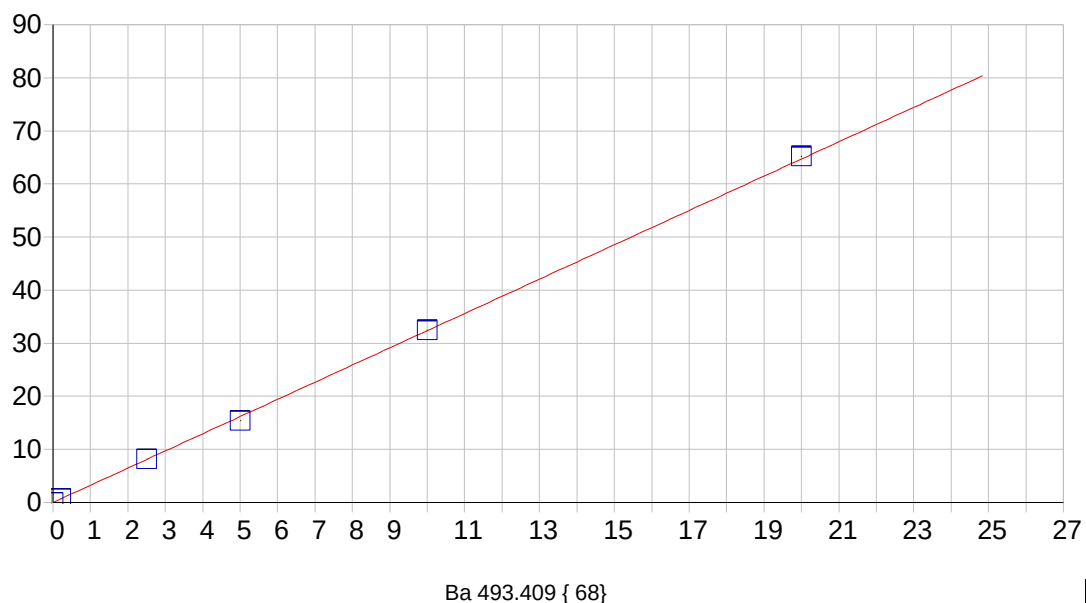


AI 396.152 { 85}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003407 Re-Slope: 1.000000
 A1 (Gain): 0.061360 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999299 Status: OK.
 Std Error of Est: 0.001429
 Predicted MDL: 0.018227
 Predicted MQL: 0.060757

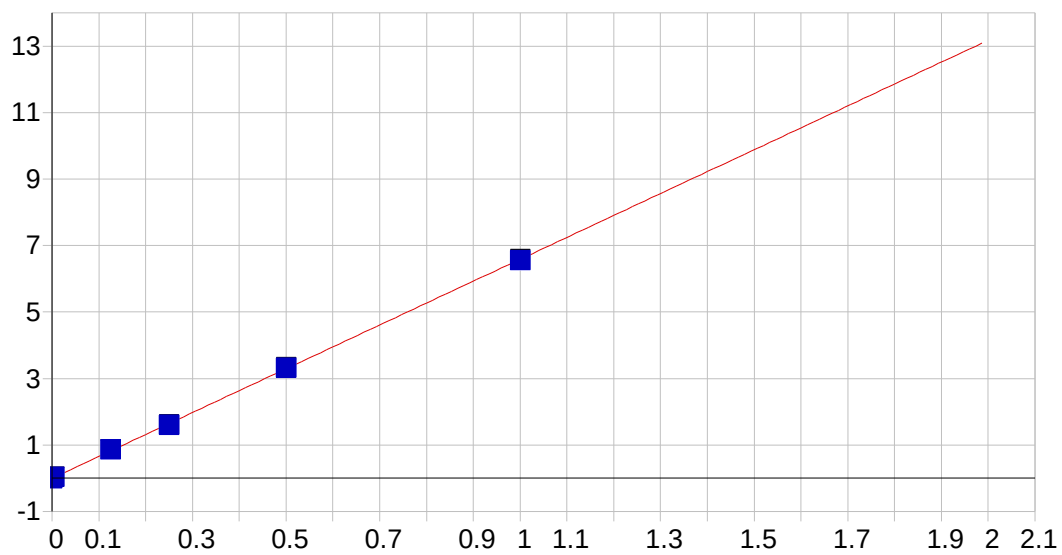
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00341	.001	1
S1	.20000	.21802	.018	9.01	.01680	.000	1
S2	38.750	36.709	-2.04	-5.27	2.2581	.008	1
S3	77.500	69.349	-8.15	-10.5	4.2631	.011	1
S4	155.00	149.23	-5.77	-3.73	9.1687	.023	1
S5	310.00	303.59	-6.41	-2.07	18.650	.046	1
S6	800.00	822.38	22.4	2.80	50.464	.205	1



Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.007640 Re-Slope: 1.000000
 A1 (Gain): 3.235256 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.006723
 Predicted MDL: 0.000805
 Predicted MQL: 0.002684

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00759	.002	1
S1	.20000	.22017	.020	10.1	.71995	.004	1
S2	2.5000	2.5214	.021	.855	8.1649	.013	1
S3	5.0000	4.7677	-.232	-4.65	15.432	.015	1
S4	10.000	10.029	.029	.286	32.453	.061	1
S5	20.000	20.162	.162	.811	65.238	.118	1

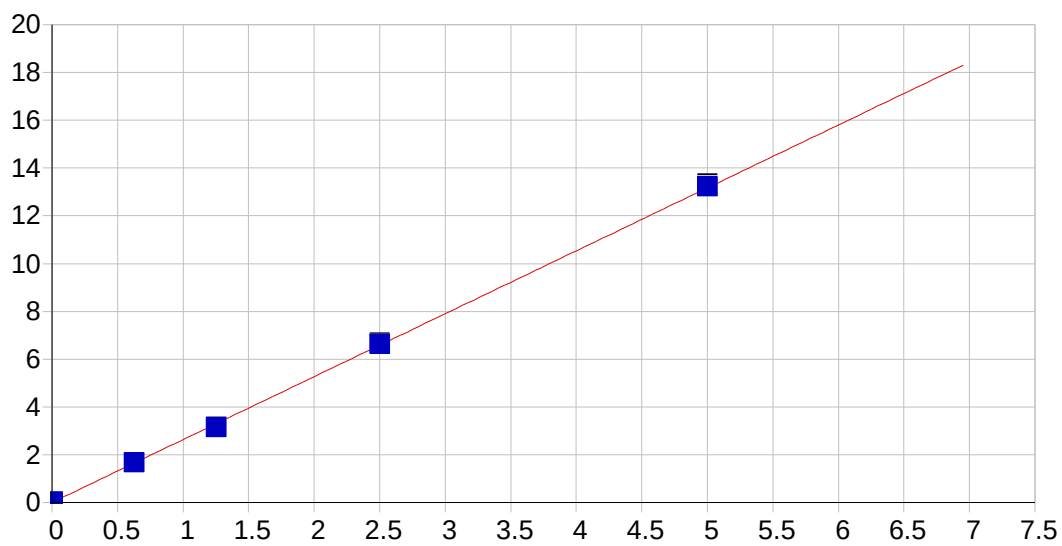


Be 234.861 {144}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001879 Re-Slope: 1.000000
 A1 (Gain): 6.589233 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999831 Status: OK.
 Std Error of Est: 0.000453
 Predicted MDL: 0.000074
 Predicted MQL: 0.000245

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00189	.000	1
S1	.00500	.00599	.001	19.8	.03755	.000	1
S2	.12500	.13032	.005	4.25	.85320	.003	1
S3	.25000	.24348	-.007	-2.61	1.5953	.005	1
S4	.50000	.50367	.004	.735	3.3025	.015	1
S5	1.0000	.99654	-.003	-.346	6.5357	.032	1

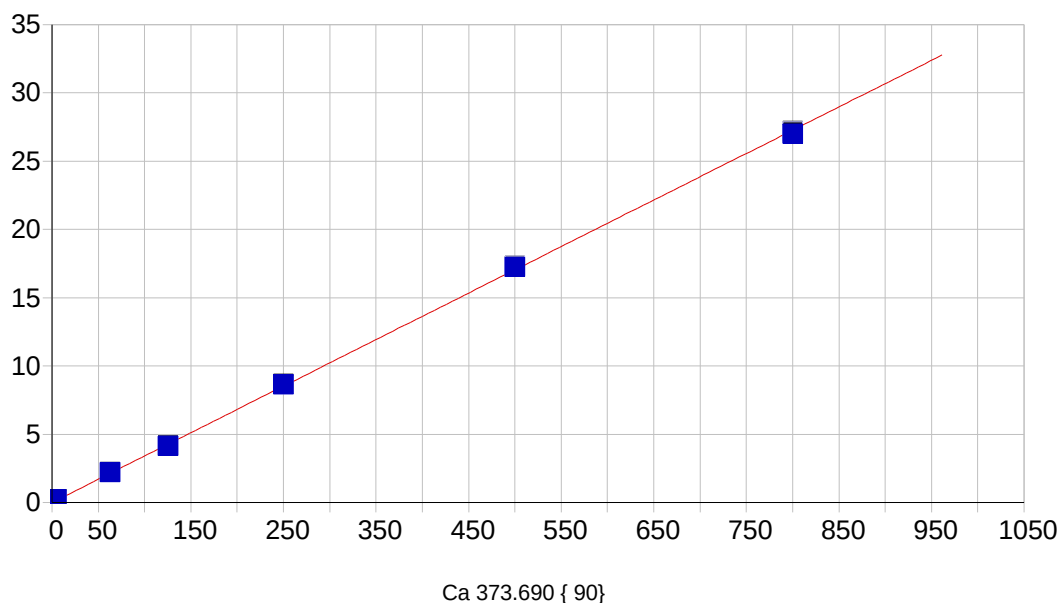


Cd 214.438 {457}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000717 Re-Slope: 1.000000
 A1 (Gain): 2.633402 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999849 Status: OK.
 Std Error of Est: 0.000384
 Predicted MDL: 0.000097
 Predicted MQL: 0.000324

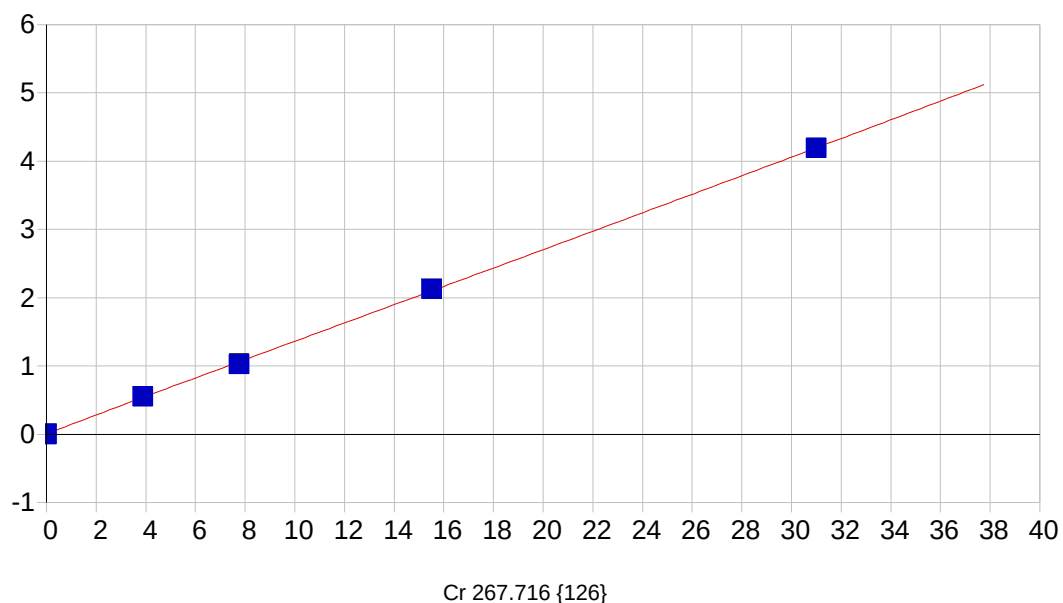
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00072	.000	1
S1	.00500	.00582	.001	16.4	.01606	.000	1
S2	.62500	.63562	.011	1.70	1.6779	.007	1
S3	1.2500	1.1965	-.053	-4.28	3.1585	.005	1
S4	2.5000	2.5170	.017	.679	6.6425	.038	1
S5	5.0000	5.0250	.025	.501	13.261	.079	1



Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002302 Re-Slope: 1.000000
 A1 (Gain): 0.034084 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999881 Status: OK.
 Std Error of Est: 0.001847
 Predicted MDL: 0.024398
 Predicted MQL: 0.081327

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00058	-.001	.000	.00228	.001	1
S1	5.0000	5.4811	.481	9.62	.18914	.001	1
S2	62.500	64.775	2.28	3.64	2.2177	.003	1
S3	125.00	121.22	-3.78	-3.02	4.1491	.010	1
S4	250.00	253.04	3.04	1.22	8.6573	.009	1
S5	500.00	505.71	5.71	1.14	17.300	.019	1
S6	800.00	792.29	-7.71	-.963	27.169	.030	1



Date of Fit: 8/15/2018 15:08:34

Type of Fit: Full Fit

Weighting: 1/Conc

A0 (Offset): -0.000011

Re-Slope: 1.000000

A1 (Gain): 0.143962

Y-int: 0.000000

A2 (Curvature): 0.000217

n (Exponent): 0.970000

Correlation: 0.999886

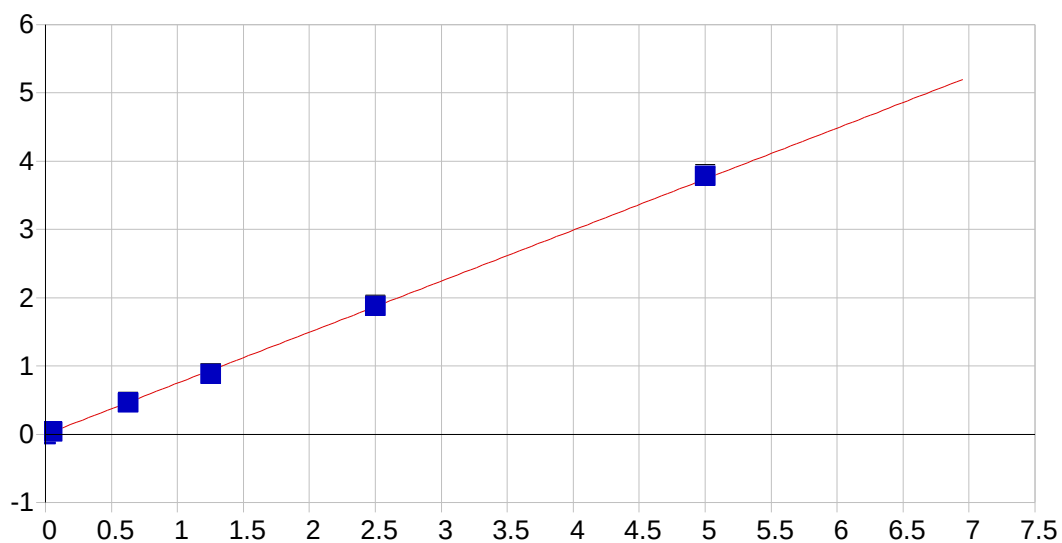
Status: Warning Positive Curvature

Std Error of Est: 0.000086

Predicted MDL: 0.000595

Predicted MQL: 0.001983

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.01000	.01042	.000	4.23	.00171	.000	1
S2	3.8750	3.9663	.091	2.36	.55199	.001	1
S3	7.7500	7.4970	-.253	-3.26	1.0288	.002	1
S4	15.500	15.719	.219	1.41	2.1329	.002	1
S5	31.000	30.943	-.057	-.185	4.1960	.004	1

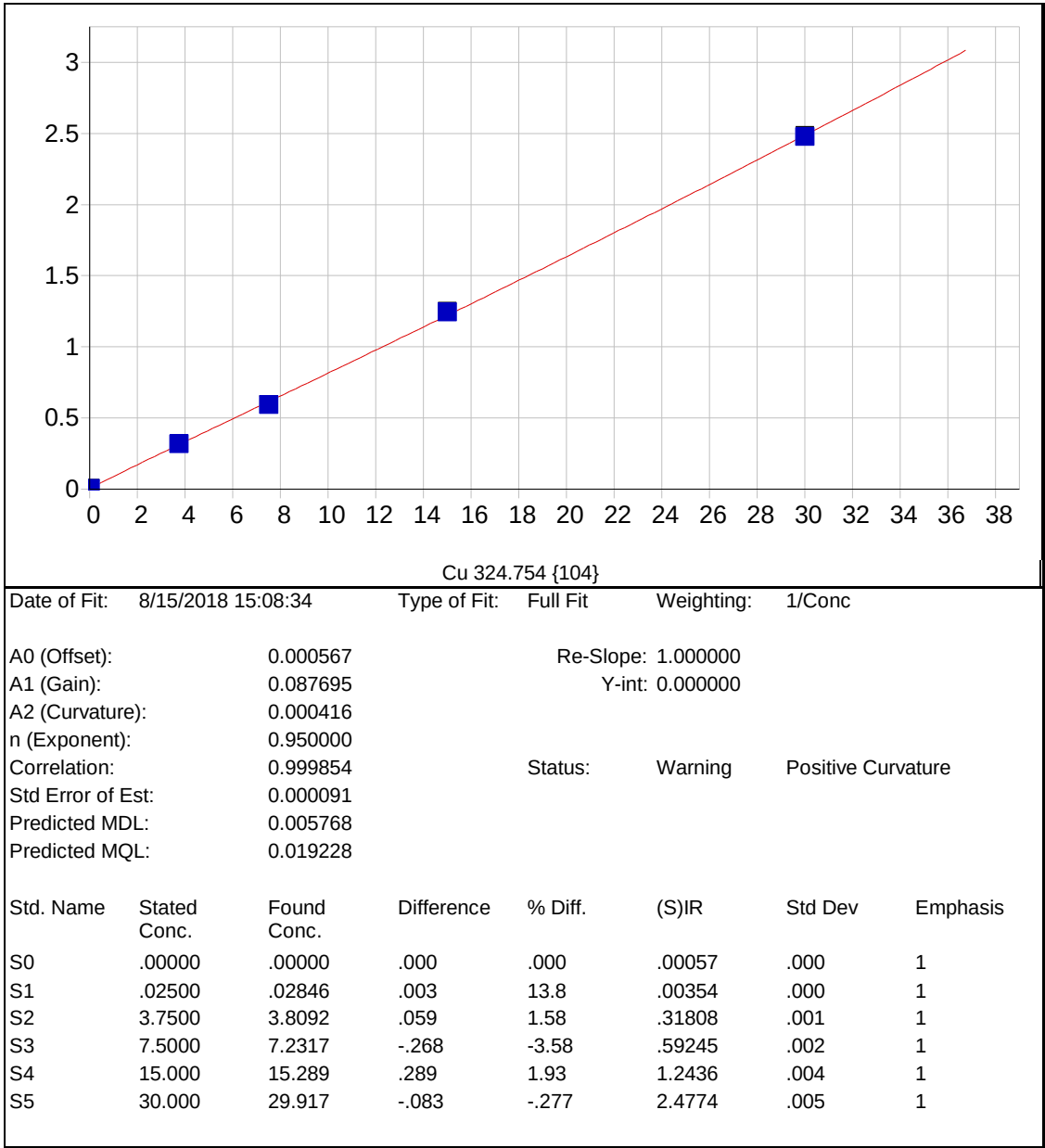


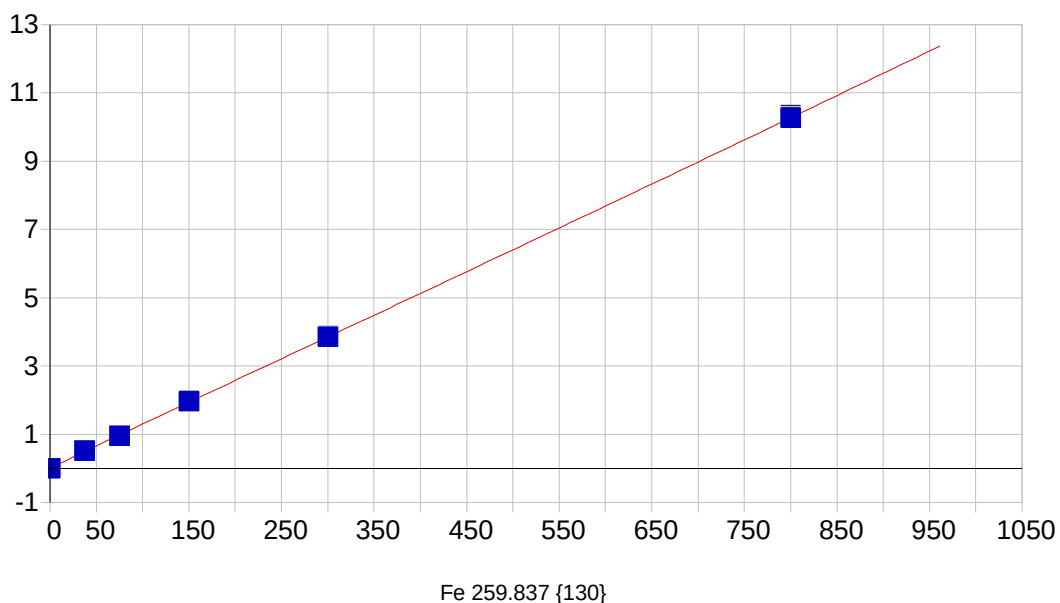
Co 228.616 {448}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000462 Re-Slope: 1.000000
 A1 (Gain): 0.747705 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999741 Status: OK.
 Std Error of Est: 0.000454
 Predicted MDL: 0.000331
 Predicted MQL: 0.001103

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00046	.000	1
S1	.05000	.05398	.004	7.96	.04004	.000	1
S2	.62500	.62209	-.003	-.465	.46561	.002	1
S3	1.2500	1.1804	-.070	-5.57	.88397	.003	1
S4	2.5000	2.5114	.011	.458	1.8811	.011	1
S5	5.0000	5.0571	.057	1.14	3.7882	.021	1

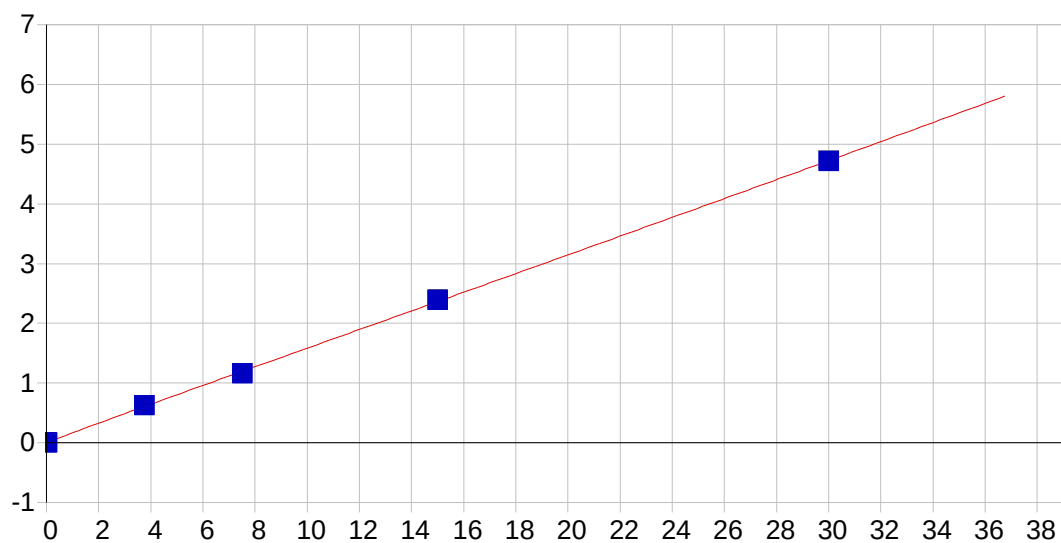




Date of Fit: 8/15/2018 15:08:34 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000054 Re-Slope: 1.000000
 A1 (Gain): 0.014197 Y-int: 0.000000
 A2 (Curvature): 0.000001
 n (Exponent): 0.980000
 Correlation: 0.999955 Status: Warning Positive Curvature
 Std Error of Est: 0.000069
 Predicted MDL: 0.017974
 Predicted MQL: 0.059912

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.10000	.12513	.025	25.1	.00194	.000	1
S2	37.500	38.384	.884	2.36	.51039	.001	1
S3	75.000	72.548	-2.45	-3.27	.95420	.004	1
S4	150.00	151.45	1.45	.967	1.9691	.004	1
S5	300.00	300.29	.290	.097	3.8757	.002	1
S6	800.00	799.81	-.193	-.024	10.322	.022	1

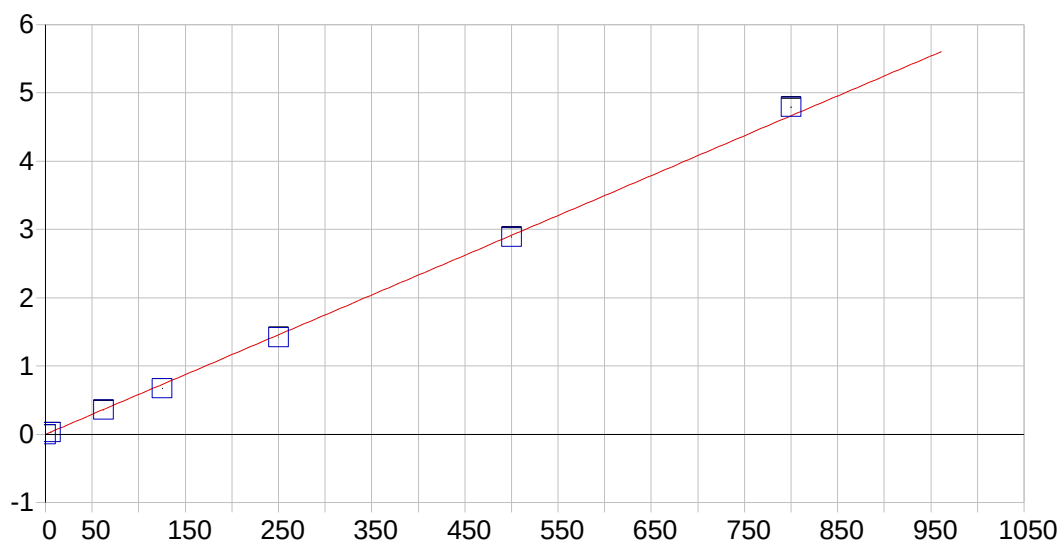


Mn 257.610 {131}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Full Fit Weighting: 1/Conc

A0 (Offset): 0.000112 Re-Slope: 1.000000
 A1 (Gain): 0.167213 Y-int: 0.000000
 A2 (Curvature): 0.000264
 n (Exponent): 0.970000
 Correlation: 0.999898 Status: Warning Positive Curvature
 Std Error of Est: 0.000113
 Predicted MDL: 0.001418
 Predicted MQL: 0.004726

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.01500	.01437	-.001	-4.21	.00284	.000	1
S2	3.7500	3.8454	.095	2.54	.62141	.002	1
S3	7.5000	7.2705	-.230	-3.06	1.1583	.004	1
S4	15.000	15.178	.178	1.19	2.3915	.000	1
S5	30.000	29.957	-.043	-.144	4.7183	.001	1



Mg 279.079 {121}

Date of Fit: 8/15/2018 15:08:34

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000187

Re-Slope: 1.000000

A1 (Gain): 0.005830

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999535

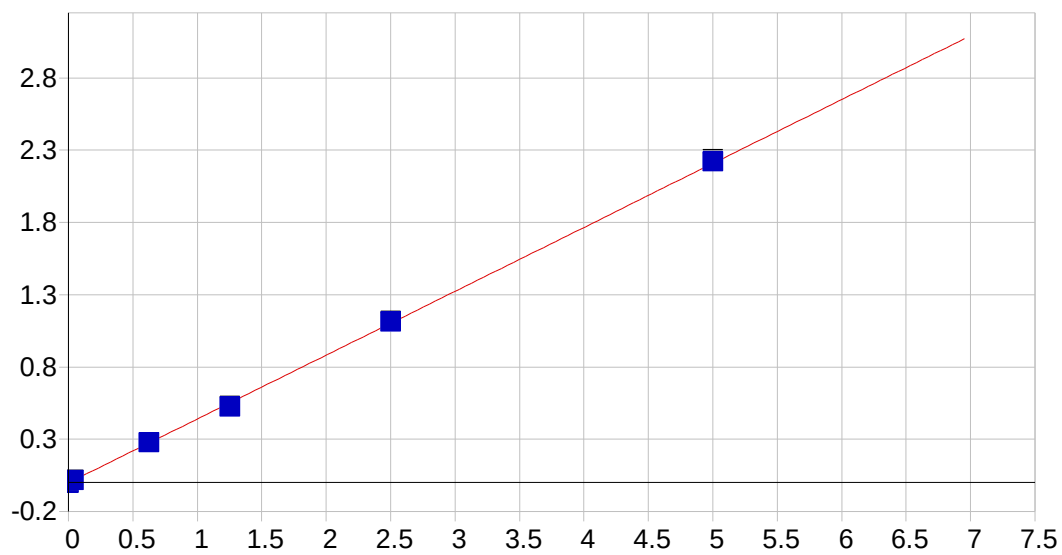
Status: OK.

Std Error of Est: 0.000621

Predicted MDL: 0.058351

Predicted MQL: 0.194504

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00029	.000	.000	-.00019	.000	1
S1	5.0000	5.2632	.263	5.26	.03050	.000	1
S2	62.500	60.848	-1.65	-2.64	.35457	.001	1
S3	125.00	115.20	-9.80	-7.84	.67144	.003	1
S4	250.00	243.68	-6.32	-2.53	1.4205	.003	1
S5	500.00	495.65	-4.35	-.870	2.8896	.007	1
S6	800.00	821.86	21.9	2.73	4.7915	.012	1

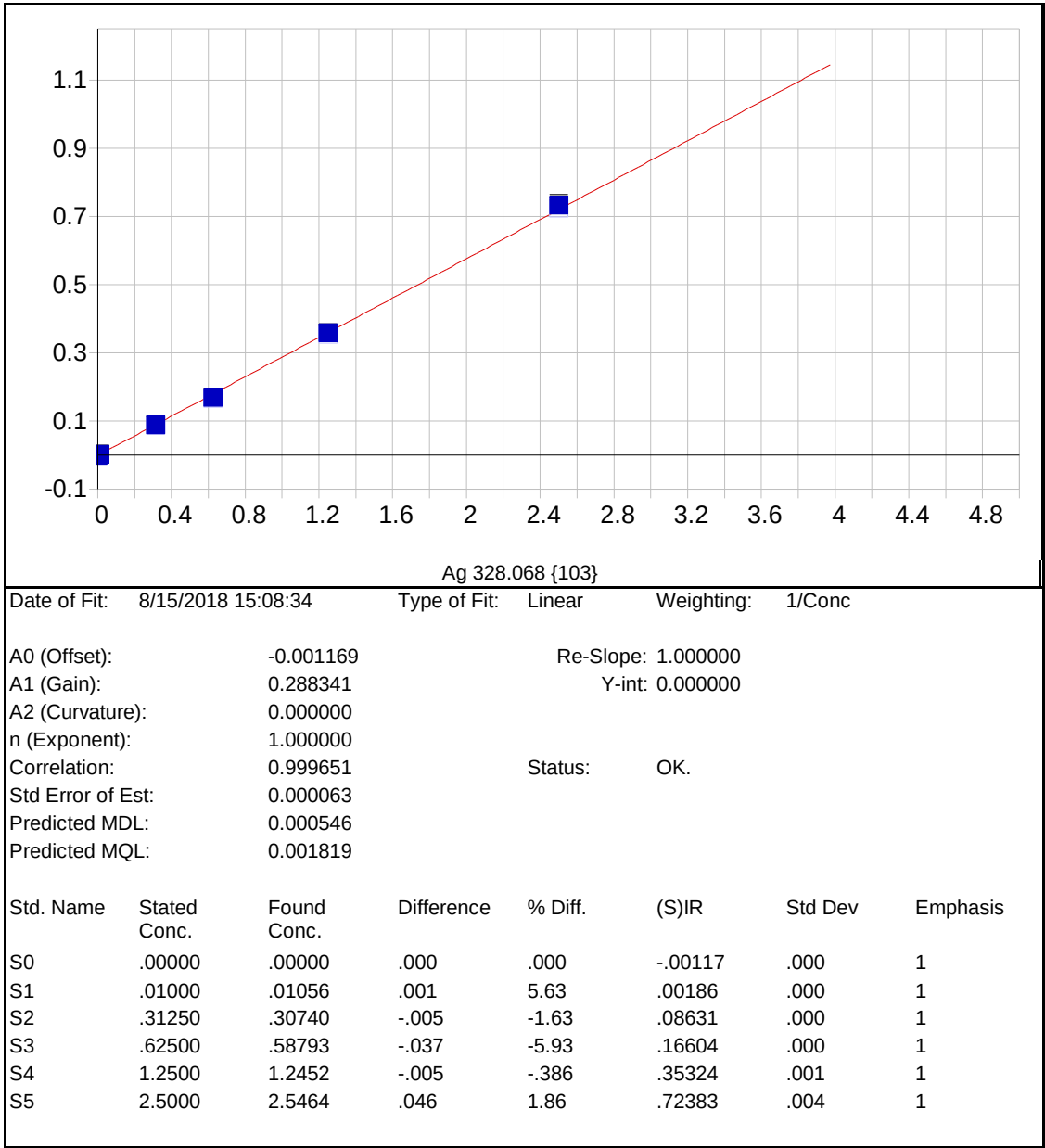


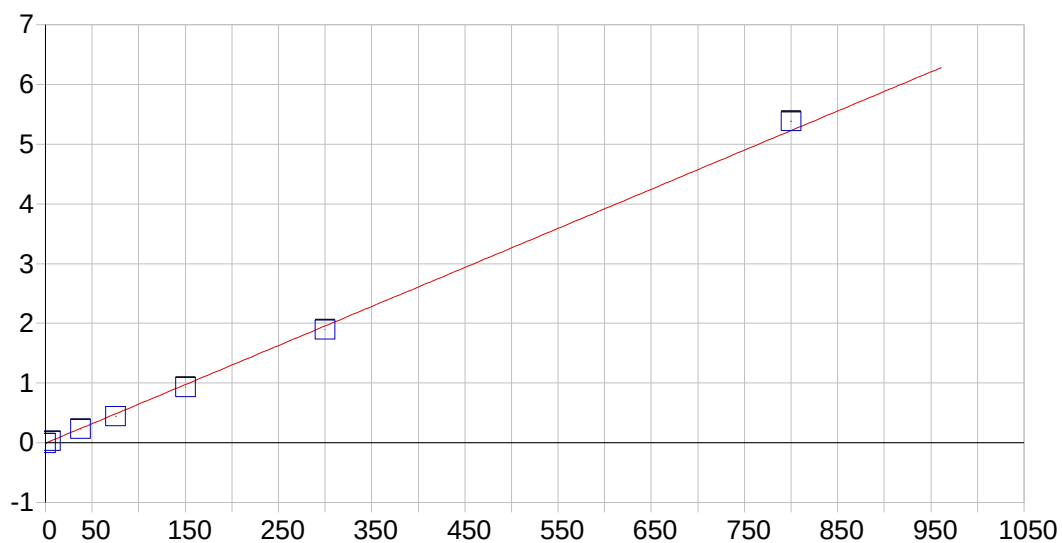
Ni 231.604 {446}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001713 Re-Slope: 1.000000
 A1 (Gain): 0.441857 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999809 Status: OK.
 Std Error of Est: 0.000206
 Predicted MDL: 0.000574
 Predicted MQL: 0.001913

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00171	.000	1
S1	.04000	.04473	.005	11.8	.01806	.000	1
S2	.62500	.63129	.006	1.01	.27779	.001	1
S3	1.2500	1.1920	-.058	-4.64	.52613	.002	1
S4	2.5000	2.5193	.019	.773	1.1137	.005	1
S5	5.0000	5.0276	.028	.553	2.2243	.012	1





Na 818.326 { 41}

Date of Fit: 8/15/2018 15:08:34

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.006883

Re-Slope: 1.000000

A1 (Gain): 0.006541

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999280

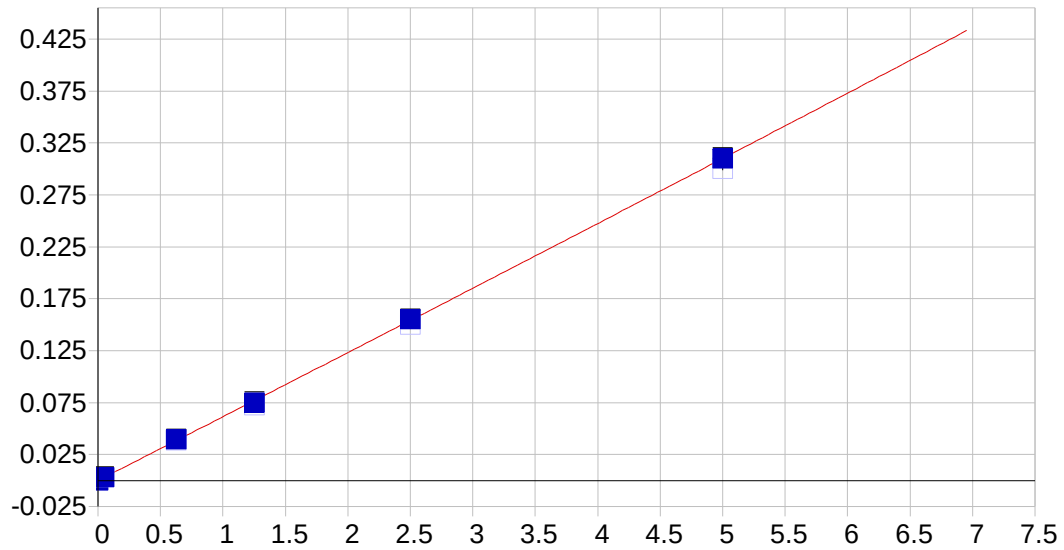
Status: OK.

Std Error of Est: 0.000768

Predicted MDL: 0.342750

Predicted MQL: 1.142499

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00046	.000	.000	-.00688	.001	1
S1	5.0000	5.4143	.414	8.29	.02853	.002	1
S2	37.500	36.029	-1.47	-3.92	.22880	.000	1
S3	75.000	68.148	-6.85	-9.14	.43890	.001	1
S4	150.00	143.31	-6.69	-4.46	.93058	.004	1
S5	300.00	291.09	-8.91	-2.97	1.8973	.002	1
S6	800.00	823.50	23.5	2.94	5.3800	.008	1

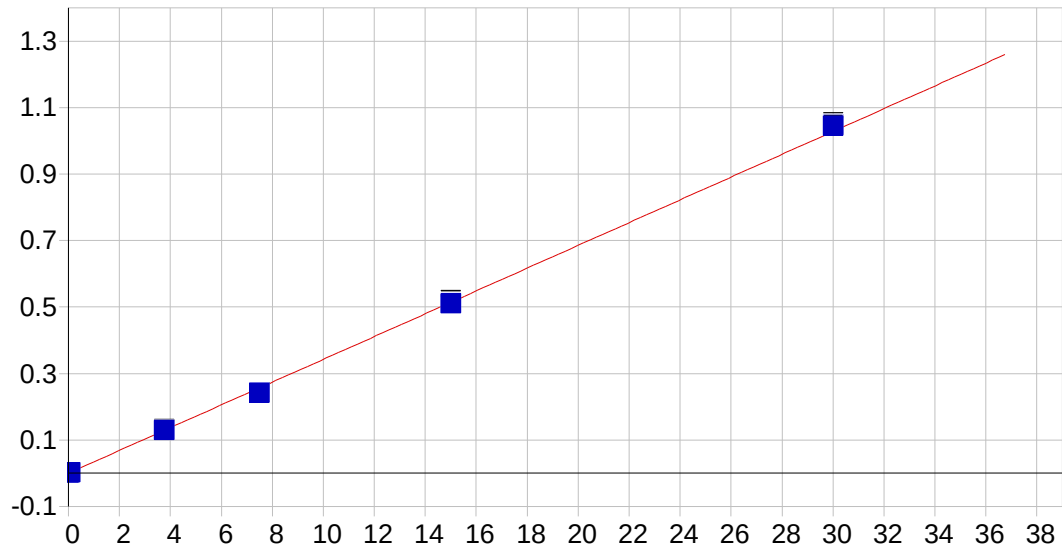


V 292.402 {115}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 0.061257 Y-int: 0.000000
 A2 (Curvature): 0.000148
 n (Exponent): 1.000000
 Correlation: 0.999905 Status: Warning Positive Curvature
 Std Error of Est: 0.000025
 Predicted MDL: 0.006639
 Predicted MQL: 0.022131

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.05000	.05227	.002	4.53	.00322	.000	1
S2	.62500	.64386	.019	3.02	.03826	.000	1
S3	1.2500	1.2157	-.034	-2.74	.07218	.001	1
S4	2.5000	2.5138	.014	.551	.14989	.001	1
S5	5.0000	4.9993	-.001	-.015	.29985	.001	1

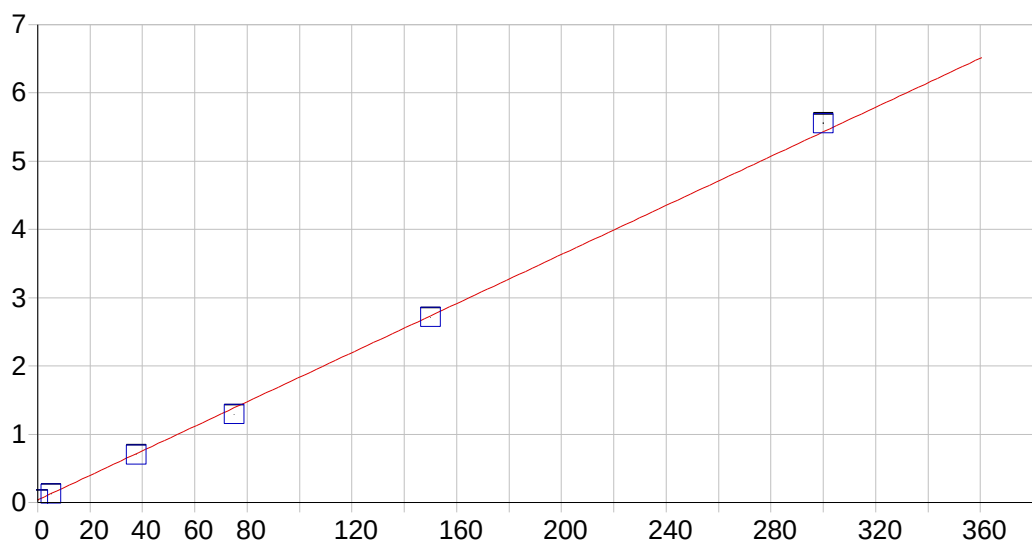


Zn 213.856 {158}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000045 Re-Slope: 1.000000
 A1 (Gain): 0.034270 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999676 Status: OK.
 Std Error of Est: 0.000062
 Predicted MDL: 0.013587
 Predicted MQL: 0.045290

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00005	.000	1
S1	.06000	.05161	-.008	-14.0	.00173	.000	1
S2	3.7500	3.7920	.042	1.12	.13051	.002	1
S3	7.5000	7.0634	-.437	-5.82	.24322	.000	1
S4	15.000	14.887	-.113	-.756	.51253	.008	1
S5	30.000	30.516	.516	1.72	1.0506	.004	1

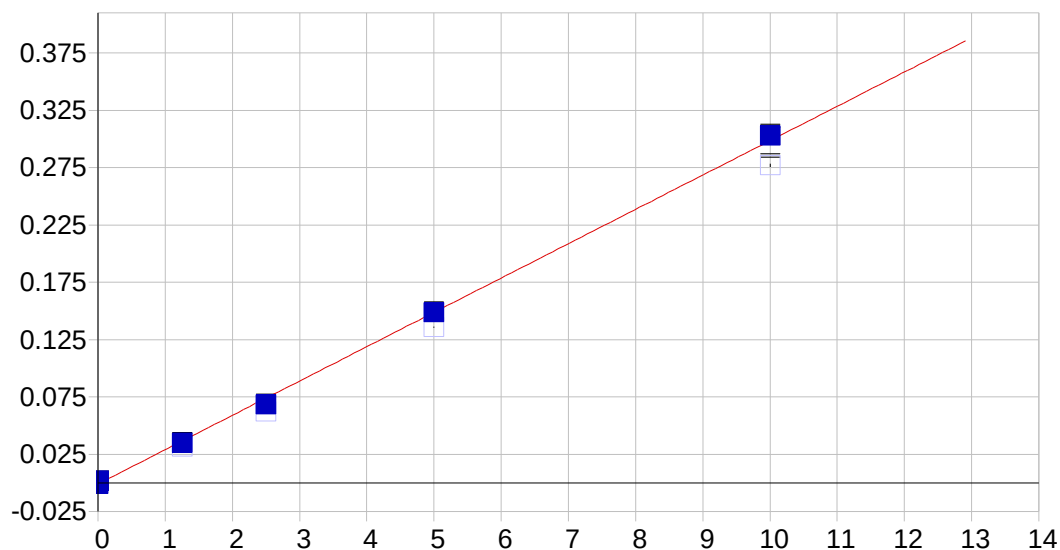


K 769.896 { 44}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.038464 Re-Slope: 1.000000
 A1 (Gain): 0.017973 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999516 Status: OK.
 Std Error of Est: 0.001154
 Predicted MDL: 0.099465
 Predicted MQL: 0.331551

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00023	.000	.000	.03847	.000	1
S1	5.0000	5.1201	.120	2.40	.13048	.001	1
S2	37.500	36.958	-.542	-1.44	.70270	.003	1
S3	75.000	69.718	-5.28	-7.04	1.2915	.004	1
S4	150.00	148.82	-1.18	-.787	2.7131	.006	1
S5	300.00	306.88	6.88	2.29	5.5539	.012	1

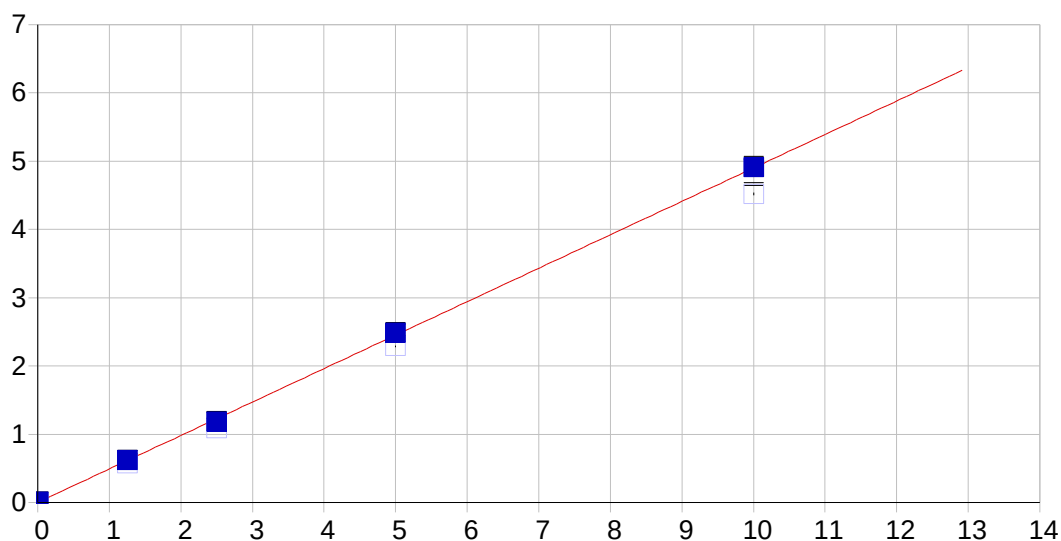


P 177.495 {490}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001042 Re-Slope: 1.000000
 A1 (Gain): 0.029952 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.977328 Status: OK.
 Std Error of Est: 0.000099
 Predicted MDL: 0.003466
 Predicted MQL: 0.011554

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	.000	.000	-.00104	.000	1
S1	.01000	.09469	.085	847.	.00177	.000	1
S2	1.2500	1.1998	-.050	-4.02	.03167	.000	1
S3	2.5000	2.3200	-.180	-7.20	.06199	.000	1
S4	5.0000	4.9952	-.005	-.096	.13566	.001	1
S5	10.000	10.148	.148	1.48	.27709	.001	1

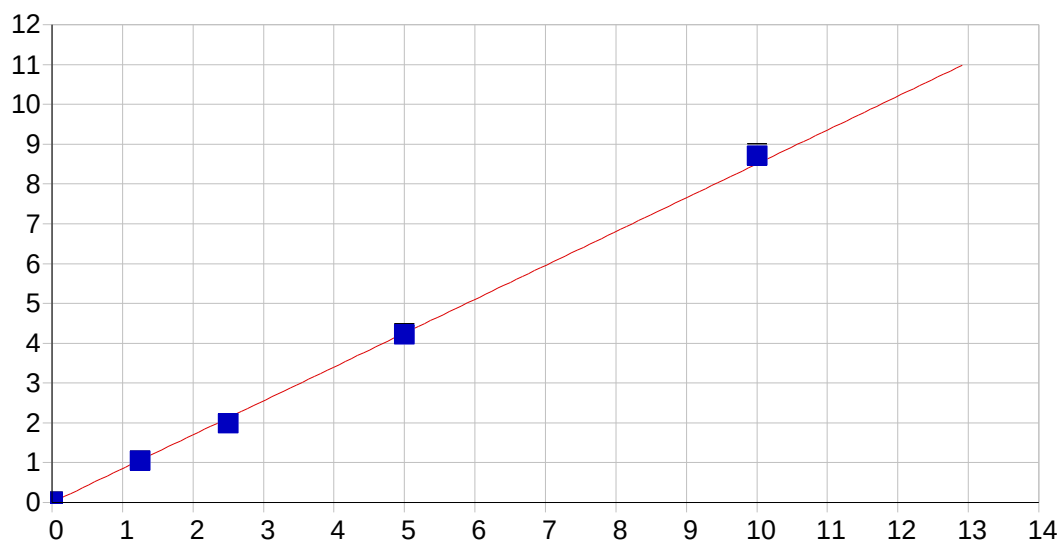


B 249.678 {135}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001409 Re-Slope: 1.000000
 A1 (Gain): 0.490059 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999874 Status: OK.
 Std Error of Est: 0.000120
 Predicted MDL: 0.001187
 Predicted MQL: 0.003958

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00141	.000	1
S1	.01000	.01156	.002	15.6	.00698	.001	1
S2	1.2500	1.2617	.012	.936	.57120	.002	1
S3	2.5000	2.4142	-.086	-3.43	1.0875	.005	1
S4	5.0000	5.0594	.059	1.19	2.2867	.014	1
S5	10.000	10.013	.013	.130	4.5202	.019	1

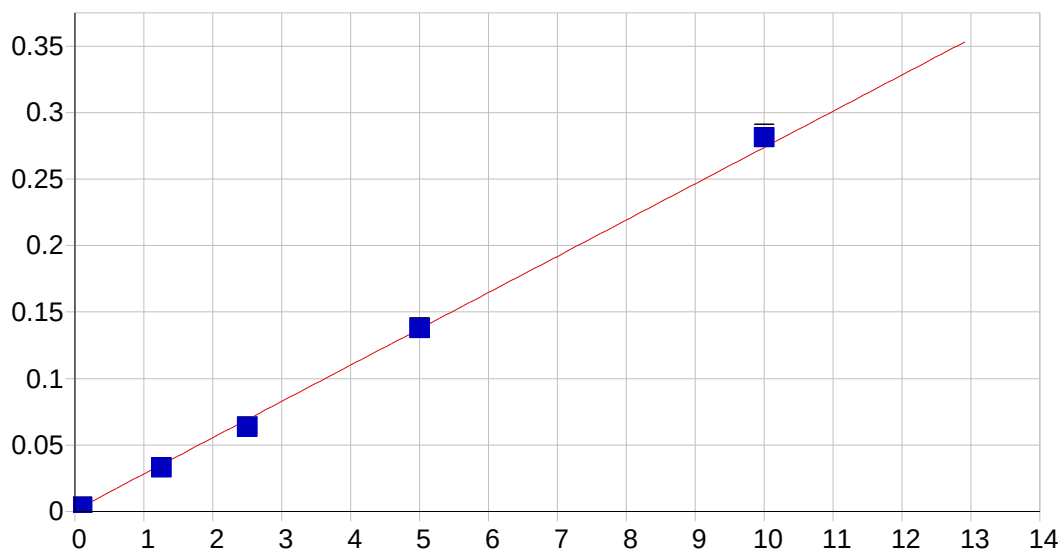


Mo 202.030 {467}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000953 Re-Slope: 1.000000
 A1 (Gain): 0.850294 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999494 Status: OK.
 Std Error of Est: 0.000454
 Predicted MDL: 0.000320
 Predicted MQL: 0.001067

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00095	.000	1
S1	.01000	.01037	.000	3.70	.00977	.000	1
S2	1.2500	1.2254	-.025	-1.97	1.0429	.001	1
S3	2.5000	2.3256	-.174	-6.97	1.9783	.006	1
S4	5.0000	4.9547	-.045	-.905	4.2137	.026	1
S5	10.000	10.244	.244	2.44	8.7109	.053	1

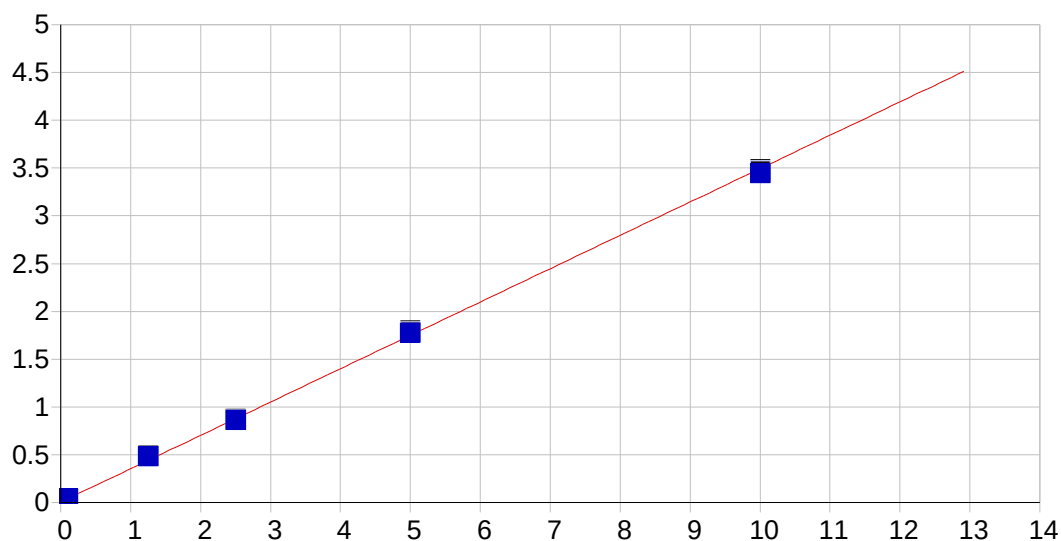


S 182.034 {485}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000938 Re-Slope: 1.000000
 A1 (Gain): 0.027280 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999185 Status: OK.
 Std Error of Est: 0.000059
 Predicted MDL: 0.004856
 Predicted MQL: 0.016188

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00094	.000	1
S1	.10000	.08821	-.012	-11.8	.00334	.000	1
S2	1.2500	1.1728	-.077	-6.18	.03294	.000	1
S3	2.5000	2.2952	-.205	-8.19	.06357	.000	1
S4	5.0000	5.0145	.014	.290	.13778	.001	1
S5	10.000	10.279	.279	2.79	.28145	.002	1

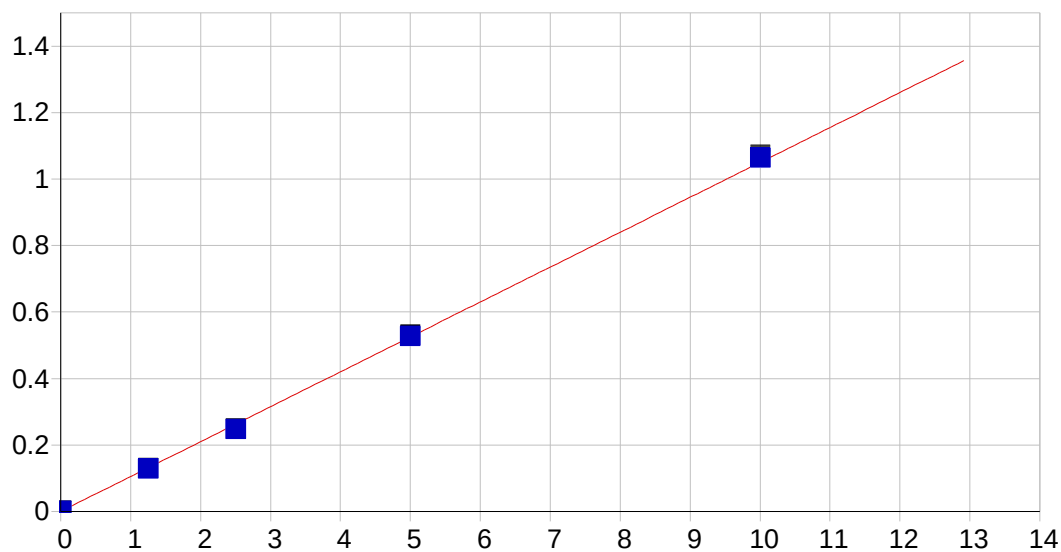


Si 251.611 {134}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004036 Re-Slope: 1.000000
 A1 (Gain): 0.349000 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999607 Status: OK.
 Std Error of Est: 0.000524
 Predicted MDL: 0.001482
 Predicted MQL: 0.004941

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00403	.000	1
S1	.10000	.10766	.008	7.66	.04173	.001	1
S2	1.2500	1.3657	.116	9.26	.48425	.001	1
S3	2.5000	2.4568	-.043	-1.73	.86863	.003	1
S4	5.0000	5.0663	.066	1.33	1.7865	.010	1
S5	10.000	9.8535	-.147	-1.47	3.4715	.012	1

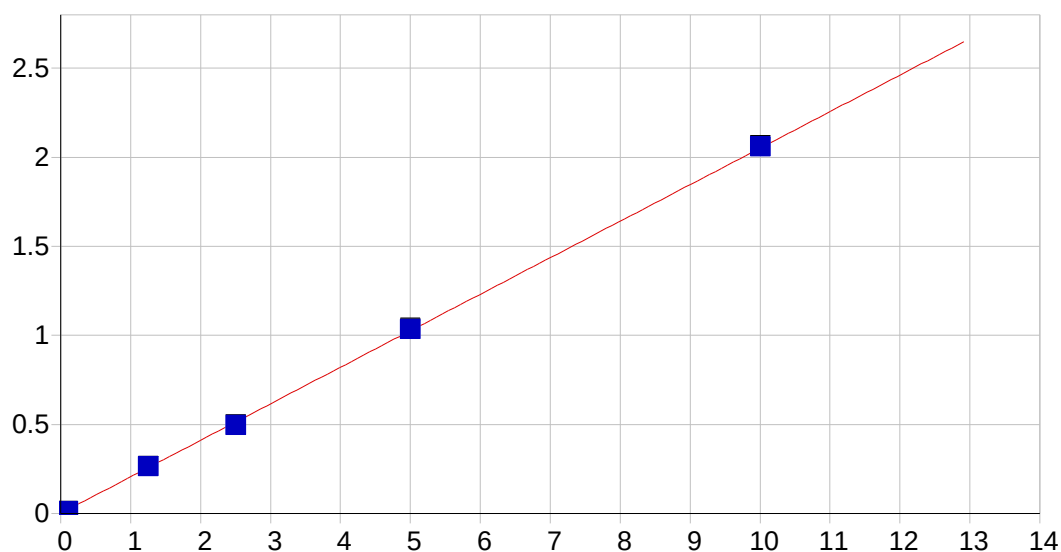


Sn 189.989 {478}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000191 Re-Slope: 1.000000
 A1 (Gain): 0.104992 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999698 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.001250
 Predicted MQL: 0.004166

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00019	.000	1
S1	.00700	.00858	.002	22.6	.00106	.000	1
S2	1.2500	1.2288	-.021	-1.70	.12892	.001	1
S3	2.5000	2.3539	-.146	-5.84	.24675	.002	1
S4	5.0000	5.0304	.030	.608	.52718	.003	1
S5	10.000	10.135	.135	1.35	1.0620	.008	1

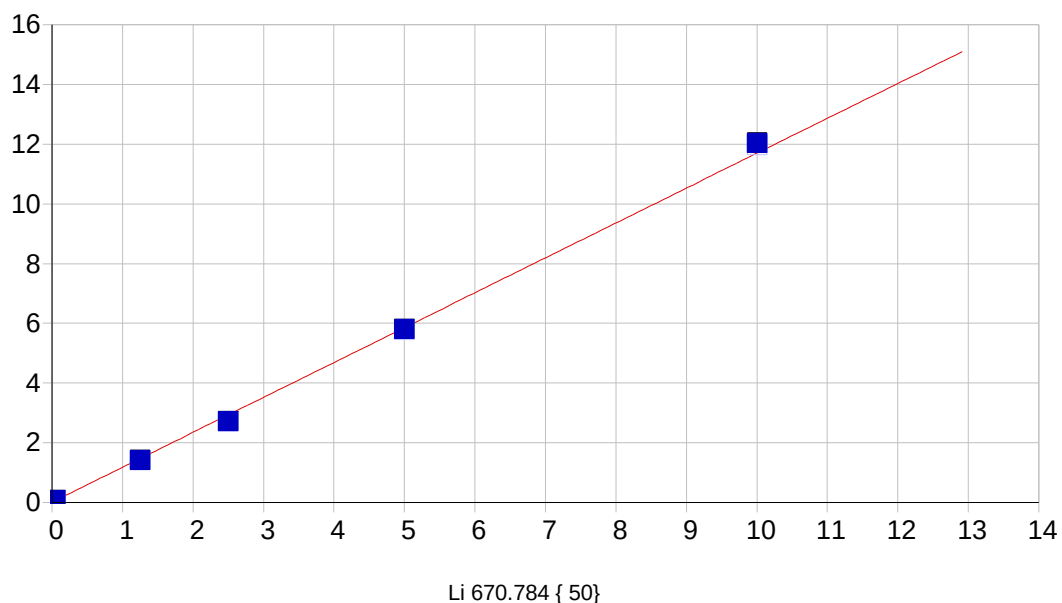


Ti 336.121 {100}

Date of Fit: 8/15/2018 15:08:34 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000963 Re-Slope: 1.000000
 A1 (Gain): 0.205045 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999358 Status: OK.
 Std Error of Est: 0.000390
 Predicted MDL: 0.003128
 Predicted MQL: 0.010425

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00004	.000	.000	.00097	.000	1
S1	.10000	.05583	-.044	-44.2	.01240	.001	1
S2	1.2500	1.2882	.038	3.06	.26501	.001	1
S3	2.5000	2.4151	-.085	-3.40	.49597	.002	1
S4	5.0000	5.0455	.046	.911	1.0351	.005	1
S5	10.000	10.045	.045	.454	2.0599	.007	1



Date of Fit: 8/15/2018 15:08:34

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.013550

Re-Slope: 1.000000

A1 (Gain): 1.168282

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999330

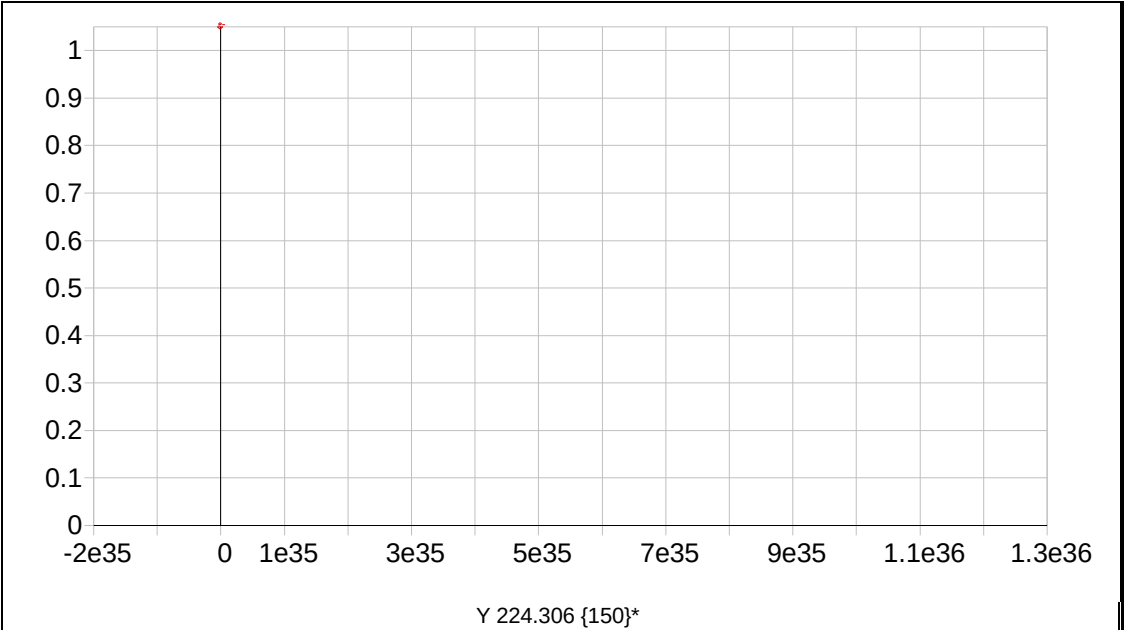
Status: OK.

Std Error of Est: 0.001597

Predicted MDL: 0.002031

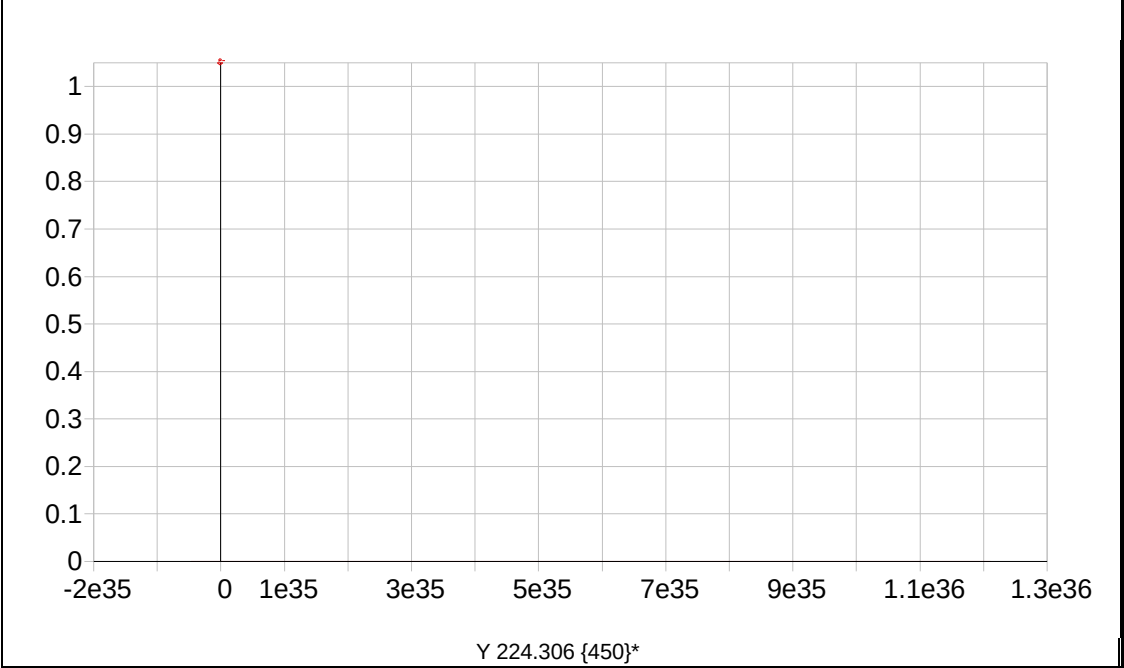
Predicted MQL: 0.006769

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01356	.002	1
S5	10.000	10.287	.287	2.87	11.966	.014	1
S4	5.0000	4.9520	-.048	-.960	5.7660	.011	1
S3	2.5000	2.3104	-.190	-7.58	2.6963	.000	1
S2	1.2500	1.2029	-.047	-3.76	1.4107	.002	1
S1	.05000	.04776	-.002	-4.47	.06923	.001	1



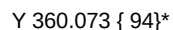
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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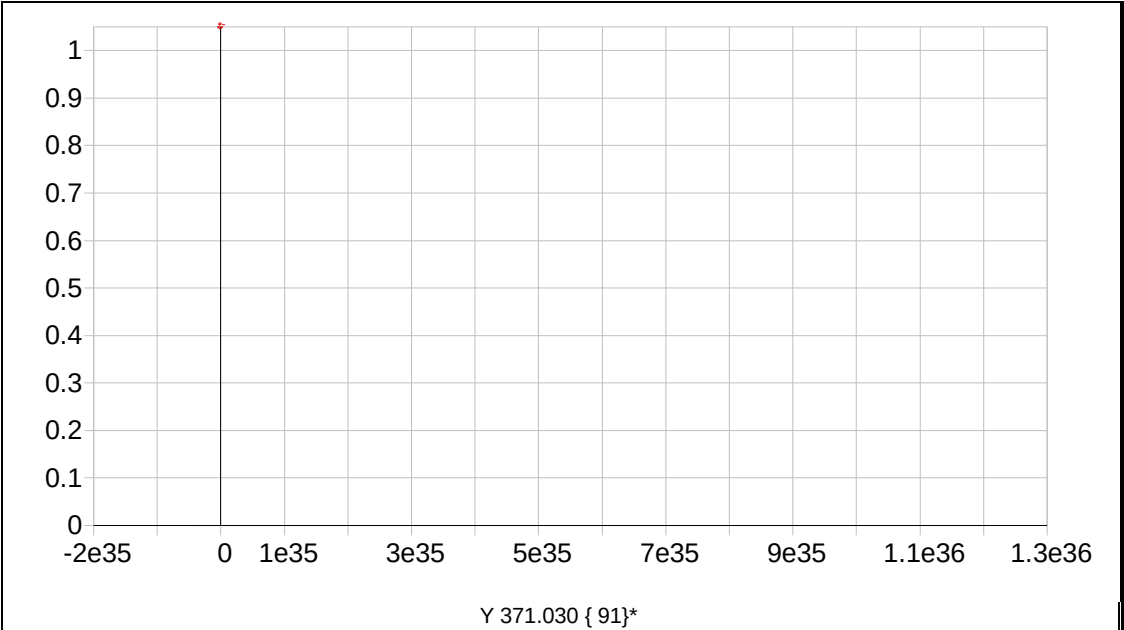
A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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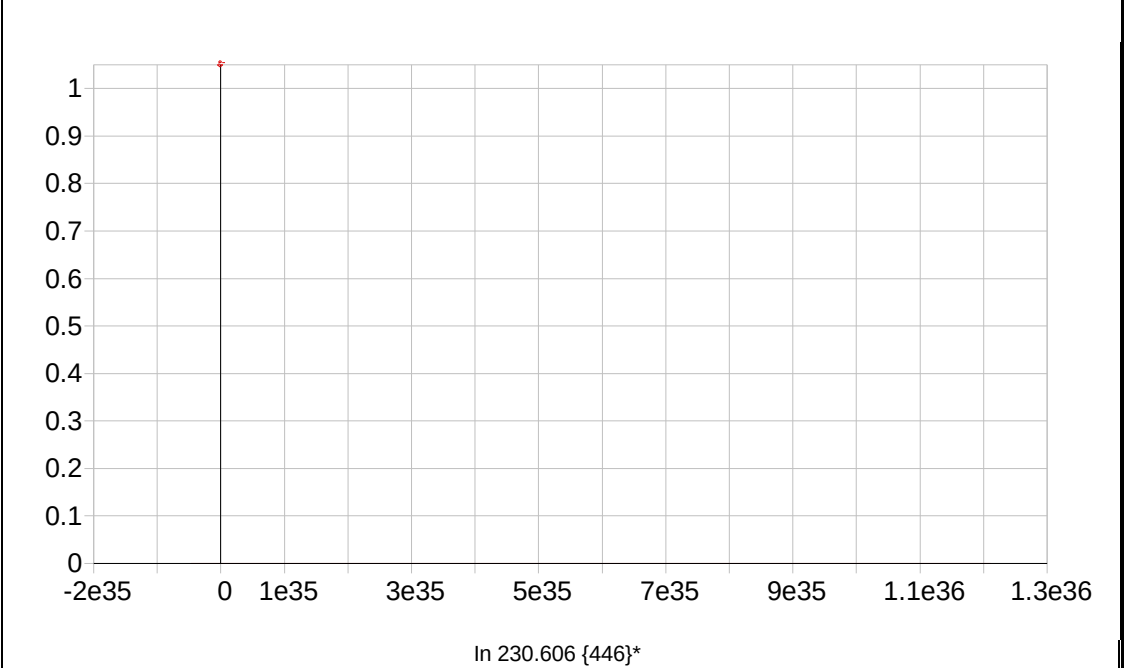
A0 (Offset):	0.000000	Re-Slope: 1.000000		
A1 (Gain):	0.000000	Y-int: 0.000000		
A2 (Curvature):	0.000000			
n (Exponent):	1.000000			
Correlation:	0.000000	Status:	Warning	Zero Gain
Std Error of Est:	0.000000			
Predicted MDL:	n/a			
Predicted MQL:	n/a			

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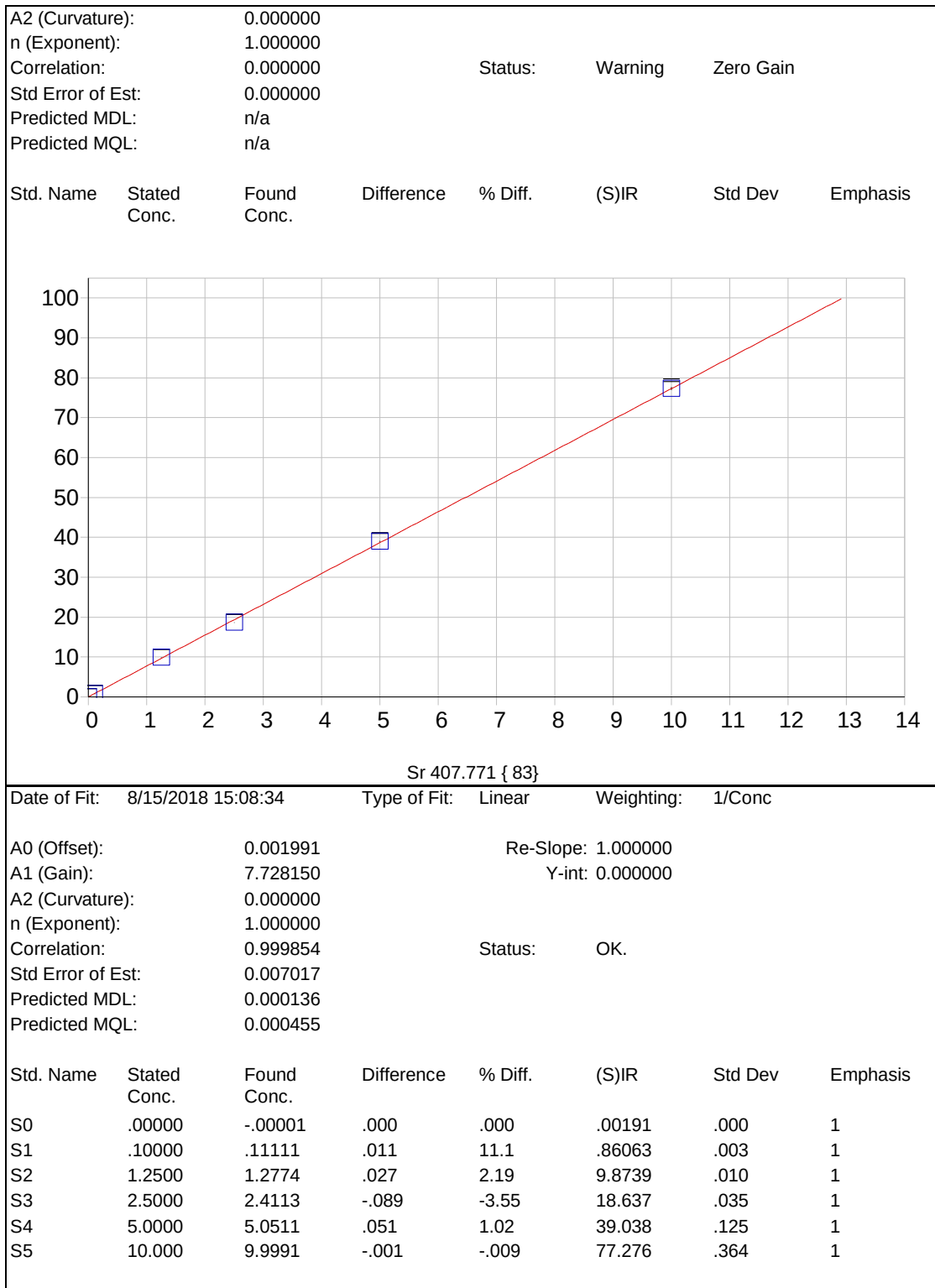


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 8/15/2018 14:34:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	-.00042	-.00058	-.00042	.00076	.00047	.00341	.00759	-.00189
Stddev	.00007	.00006	.00048	.00020	.00005	.00057	.00235	.00011
%RSD	15.713	9.6953	113.07	26.670	10.772	16.867	31.008	5.5982

#1	-.00037	-.00051	-.00003	.00099	.00052	.00282	.00498	-.00176
#2	-.00049	-.00062	-.00095	.00061	.00043	.00397	.00826	-.00195
#3	-.00040	-.00060	-.00028	.00068	.00044	.00343	.00954	-.00194

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	.00072	.00228	-.00001	-.00046	.00057	.00005	.00011	-.00019
Stddev	.00013	.00053	.00006	.00017	.00032	.00029	.00019	.00023
%RSD	18.656	23.161	566.92	36.741	56.419	546.92	172.24	123.01

#1	.00076	.00190	-.00002	-.00027	.00029	-.00025	.00021	-.00039
#2	.00082	.00289	-.00007	-.00054	.00091	.00034	.00024	.00006
#3	.00056	.00206	.00006	-.00058	.00050	.00007	-.00011	-.00023

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	-.00171	-.00117	-.00688	.00002	-.00005	.03847	-.00104	.00141
Stddev	.00009	.00012	.00113	.00021	.00007	.00043	.00007	.00013
%RSD	5.4145	10.539	16.364	1060.0	151.59	1.1270	6.3892	9.4298

#1	-.00179	-.00129	-.00607	.00009	-.00007	.03798	-.00097	.00152
#2	-.00161	-.00117	-.00641	-.00021	-.00010	.03879	-.00110	.00144
#3	-.00174	-.00105	-.00816	.00018	.00003	.03863	-.00107	.00126

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	.00095	.00094	.00403	.00019	.00097	.01356	.00191	
Stddev	.00010	.00004	.00041	.00014	.00030	.00159	.00020	
%RSD	10.012	4.2511	10.184	72.943	30.640	11.731	10.676	

#1	.00091	.00089	.00365	.00029	.00113	.01312	.00174	
#2	.00089	.00097	.00446	.00003	.00116	.01223	.00186	
#3	.00106	.00095	.00398	.00025	.00063	.01532	.00213	

Sample Name: S0 Acquired: 8/15/2018 14:34:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	1847.0	2375.2	43659.	5386.1	3416.4
Stddev	16.5	9.7	17.	22.0	14.4
%RSD	.89510	.40904	.04003	.40768	.42189
#1	1829.4	2386.5	43653.	5400.1	3431.5
#2	1862.2	2369.3	43645.	5360.8	3414.7
#3	1849.5	2370.0	43679.	5397.5	3402.9

Sample Name: S1 Acquired: 8/15/2018 14:38:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	-.00002	.00059	.00152	.00368	.00923	.01680	.71995	.03755
Stddev	.00019	.00015	.00027	.00033	.00011	.00026	.00378	.00029
%RSD	886.51	25.502	17.445	9.0726	1.1420	1.5580	.52444	.77501

#1	-.00004	.00050	.00128	.00349	.00931	.01659	.71559	.03789
#2	-.00021	.00051	.00181	.00348	.00928	.01709	.72211	.03739
#3	.00018	.00077	.00148	.00406	.00911	.01673	.72214	.03737

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	.01606	.18914	.00171	.04004	.00354	.00194	.00284	.03050
Stddev	.00025	.00111	.00010	.00013	.00036	.00024	.00009	.00048
%RSD	1.5388	.58709	6.0276	.31691	10.050	12.315	3.1624	1.5584

#1	.01633	.18786	.00160	.04015	.00354	.00211	.00274	.03003
#2	.01601	.18978	.00179	.03990	.00319	.00203	.00292	.03098
#3	.01584	.18978	.00176	.04007	.00390	.00166	.00286	.03049

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	.01806	.00186	.02853	.00322	.00173	.13048	.00177	.00698
Stddev	.00011	.00011	.00204	.00033	.00024	.00095	.00011	.00051
%RSD	.58553	6.0738	7.1418	10.288	13.957	.72482	6.2186	7.3579

#1	.01794	.00188	.02825	.00360	.00185	.12954	.00189	.00713
#2	.01812	.00195	.02665	.00304	.00145	.13143	.00168	.00740
#3	.01812	.00173	.03070	.00302	.00189	.13048	.00175	.00640

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	.00977	.00334	.04173	.00106	.01240	.06923	.86063	
Stddev	.00011	.00003	.00091	.00005	.00066	.00050	.00336	
%RSD	1.1251	.91343	2.1791	4.9834	5.2870	.72254	.39072	

#1	.00973	.00337	.04075	.00111	.01309	.06949	.85678	
#2	.00968	.00331	.04189	.00107	.01179	.06866	.86294	
#3	.00989	.00334	.04254	.00101	.01233	.06955	.86218	

Sample Name: S1 Acquired: 8/15/2018 14:38:55 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	1819.0	2356.1	43065.	5362.4	3418.0
Stddev	10.8	3.5	10.	31.4	8.0
%RSD	.59441	.14722	.02215	.58463	.23279
#1	1809.1	2359.6	43070.	5397.1	3427.1
#2	1830.6	2356.1	43070.	5354.2	3413.8
#3	1817.4	2352.7	43054.	5336.0	3412.9

Sample Name: S2 Acquired: 8/15/2018 14:43:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.04013	.06052	1.0329	.09708	.17227	2.2581	8.1649	.85320
Stddev	.00042	.00023	.0039	.00038	.00052	.0083	.0126	.00286
%RSD	1.0360	.37733	.37300	.38756	.30028	.36848	.15435	.33577

#1	.03971	.06078	1.0289	.09697	.17227	2.2493	8.1517	.85215
#2	.04016	.06034	1.0331	.09677	.17175	2.2659	8.1768	.85645
#3	.04054	.06043	1.0366	.09750	.17278	2.2589	8.1664	.85101

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	1.6779	2.2177	.55199	.46561	.31808	.51039	.62141	.35457
Stddev	.0068	.0028	.00075	.00188	.00069	.00083	.00235	.00091
%RSD	.40607	.12483	.13516	.40379	.21674	.16319	.37848	.25767

#1	1.6725	2.2156	.55271	.46358	.31800	.50950	.61889	.35441
#2	1.6757	2.2166	.55122	.46595	.31880	.51051	.62176	.35374
#3	1.6856	2.2208	.55204	.46729	.31743	.51116	.62356	.35555

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	.27779	.08631	.22880	.03826	.13051	.70270	.03167	.57120
Stddev	.00114	.00030	.00035	.00032	.00193	.00283	.00025	.00187
%RSD	.40965	.34926	.15380	.82840	1.4762	.40289	.79237	.32765

#1	.27729	.08613	.22906	.03828	.13268	.70020	.03163	.57116
#2	.27699	.08666	.22840	.03857	.12901	.70577	.03143	.57309
#3	.27909	.08614	.22894	.03793	.12984	.70212	.03193	.56935

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	1.0429	.03294	.48425	.12892	.26501	1.4107	9.8739	
Stddev	.0014	.00010	.00101	.00058	.00089	.0024	.0101	
%RSD	.13924	.31108	.20893	.44657	.33743	.17075	.10215	

#1	1.0423	.03283	.48377	.12843	.26495	1.4100	9.8643	
#2	1.0418	.03303	.48541	.12876	.26593	1.4134	9.8844	
#3	1.0445	.03297	.48357	.12955	.26414	1.4087	9.8731	

Sample Name: S2 Acquired: 8/15/2018 14:43:04 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	1752.4	2257.4	42197.	5292.0	3222.9
Stddev	18.8	8.9	160.	5.9	14.1
%RSD	1.0714	.39258	.38008	.11093	.43708
#1	1745.6	2259.5	42236.	5285.8	3227.3
#2	1773.7	2265.0	42335.	5297.4	3234.2
#3	1738.1	2247.7	42021.	5293.0	3207.1

Sample Name: S3 Acquired: 8/15/2018 14:47:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.07710	.11501	1.9581	.18024	.32417	4.2631	15.432	1.5953
Stddev	.00065	.00086	.0035	.00085	.00174	.0111	.015	.0055
%RSD	.84866	.75018	.18094	.47073	.53712	.25931	.09403	.34406

#1	.07647	.11498	1.9566	.18013	.32440	4.2706	15.445	1.6016
#2	.07705	.11416	1.9555	.17945	.32233	4.2504	15.436	1.5924
#3	.07777	.11588	1.9621	.18113	.32578	4.2683	15.416	1.5918

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.1585	4.1491	1.0288	.88397	.59245	.95420	1.1583	.67144
Stddev	.0055	.0100	.0019	.00318	.00209	.00350	.0037	.00250
%RSD	.17259	.24017	.18466	.35986	.35331	.36693	.32262	.37258

#1	3.1564	4.1514	1.0287	.88298	.59409	.95620	1.1599	.67285
#2	3.1543	4.1578	1.0269	.88141	.59315	.95625	1.1610	.67293
#3	3.1646	4.1382	1.0307	.88753	.59009	.95016	1.1540	.66856

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	.52613	.16604	.43890	.07218	.24322	1.2915	.06199	1.0875
Stddev	.00205	.00016	.00107	.00126	.00049	.0036	.00040	.0049
%RSD	.39050	.09507	.24337	1.7430	.20224	.27692	.64181	.45189

#1	.52569	.16623	.43998	.07292	.24279	1.2934	.06198	1.0913
#2	.52433	.16594	.43784	.07290	.24311	1.2873	.06159	1.0891
#3	.52837	.16596	.43889	.07073	.24376	1.2937	.06239	1.0819

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	1.9783	.06357	.86863	.24675	.49597	2.6963	18.637	
Stddev	.0057	.00035	.00345	.00155	.00217	.0004	.035	
%RSD	.28631	.54295	.39735	.62912	.43732	.01645	.18981	

#1	1.9751	.06396	.87227	.24569	.49822	2.6959	18.671	
#2	1.9751	.06348	.86821	.24603	.49580	2.6968	18.639	
#3	1.9849	.06328	.86540	.24853	.49389	2.6964	18.601	

Sample Name: S3 Acquired: 8/15/2018 14:47:00 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	1786.7	2297.8	43443.	5472.5	3243.1
Stddev	7.4	6.2	102.	29.5	6.9
%RSD	.41183	.26922	.23581	.53847	.21144
#1	1789.5	2300.8	43327.	5440.5	3245.2
#2	1778.4	2301.8	43519.	5478.5	3248.7
#3	1792.3	2290.6	43484.	5498.5	3235.5

Sample Name: S4 Acquired: 8/15/2018 14:50:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.16581	.24030	4.1905	.37396	.68888	9.1687	32.453	3.3025
Stddev	.00061	.00091	.0276	.00174	.00317	.0232	.061	.0151
%RSD	.36514	.38024	.65947	.46630	.46012	.25297	.18884	.45674

#1	.16567	.24064	4.1652	.37426	.68767	9.1855	32.481	3.3199
#2	.16528	.23927	4.1863	.37209	.68649	9.1784	32.494	3.2937
#3	.16647	.24100	4.2200	.37554	.69247	9.1423	32.382	3.2940

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.6425	8.6573	2.1329	1.8811	1.2436	1.9691	2.3915	1.4205
Stddev	.0379	.0094	.0021	.0110	.0042	.0039	.0005	.0026
%RSD	.57064	.10856	.09744	.58405	.33338	.19876	.01985	.17955

#1	6.6154	8.6675	2.1322	1.8714	1.2459	1.9703	2.3911	1.4227
#2	6.6262	8.6557	2.1352	1.8787	1.2461	1.9723	2.3920	1.4213
#3	6.6858	8.6489	2.1312	1.8930	1.2388	1.9648	2.3915	1.4177

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	1.1137	.35324	.93058	.14989	.51253	2.7131	.13566	2.2867
Stddev	.0049	.00070	.00360	.00051	.00819	.0058	.00054	.0143
%RSD	.44088	.19950	.38724	.34324	1.5974	.21372	.39896	.62676

#1	1.1098	.35390	.93091	.14949	.50308	2.7190	.13508	2.2999
#2	1.1122	.35333	.93401	.14971	.51740	2.7130	.13573	2.2715
#3	1.1192	.35250	.92683	.15047	.51711	2.7074	.13616	2.2888

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	4.2137	.13778	1.7865	.52718	1.0351	5.7660	39.038	
Stddev	.0260	.00053	.0097	.00284	.0048	.0110	.125	
%RSD	.61750	.38632	.54391	.53910	.46337	.19050	.31934	

#1	4.2029	.13717	1.7970	.52759	1.0381	5.7731	39.124	
#2	4.1949	.13805	1.7778	.52416	1.0377	5.7716	39.095	
#3	4.2434	.13812	1.7847	.52980	1.0296	5.7534	38.895	

Sample Name: S4 Acquired: 8/15/2018 14:50:52 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	1628.8	2078.7	40623.	5152.6	2912.2
Stddev	5.5	9.4	122.	18.9	11.3
%RSD	.34014	.45006	.30013	.36712	.38771
#1	1634.9	2080.0	40595.	5130.9	2916.1
#2	1627.5	2087.3	40518.	5161.2	2921.0
#3	1624.1	2068.7	40757.	5165.6	2899.4

Sample Name: S5 Acquired: 8/15/2018 14:54:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.34378	.46739	8.4834	.73626	1.4333	18.650	65.238	6.5357
Stddev	.00275	.00255	.0521	.00390	.0073	.046	.118	.0321
%RSD	.80087	.54500	.61372	.52916	.50948	.24835	.18081	.49153

#1	.34264	.46700	8.4485	.73670	1.4307	18.616	65.286	6.5329
#2	.34178	.46505	8.4585	.73216	1.4276	18.631	65.324	6.5692
#3	.34692	.47010	8.5433	.73991	1.4415	18.702	65.103	6.5051

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	13.261	17.300	4.1960	3.7882	2.4774	3.8757	4.7183	2.8896
Stddev	.079	.019	.0037	.0209	.0051	.0023	.0006	.0074
%RSD	.59692	.10825	.08760	.55262	.20717	.05984	.01245	.25718

#1	13.199	17.318	4.1952	3.7741	2.4741	3.8733	4.7182	2.8872
#2	13.233	17.299	4.1927	3.7781	2.4747	3.8760	4.7189	2.8979
#3	13.350	17.281	4.1999	3.8122	2.4833	3.8779	4.7177	2.8836

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	2.2243	.72383	1.8973	.29985	1.0506	5.5539	.27709	4.5202
Stddev	.0122	.00374	.0017	.00089	.0042	.0119	.00147	.0193
%RSD	.54682	.51676	.09039	.29796	.39900	.21501	.52928	.42645

#1	2.2155	.72164	1.8992	.30050	1.0470	5.5414	.27648	4.5164
#2	2.2193	.72815	1.8962	.30022	1.0495	5.5553	.27602	4.5411
#3	2.2382	.72170	1.8963	.29883	1.0552	5.5652	.27876	4.5032

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	8.7109	.28145	3.4715	1.0620	2.0599	11.966	77.276	
Stddev	.0533	.00247	.0122	.0080	.0074	.014	.364	
%RSD	.61167	.87791	.35104	.75612	.35996	.11347	.47152	

#1	8.7001	.28010	3.4698	1.0599	2.0557	11.960	76.856	
#2	8.6638	.27996	3.4845	1.0552	2.0557	11.981	77.507	
#3	8.7687	.28431	3.4603	1.0709	2.0685	11.956	77.466	

Sample Name: S5 Acquired: 8/15/2018 14:54:45 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	1512.2	1894.4	38965.	5035.3	2694.7
Stddev	10.8	6.9	140.	11.8	10.4
%RSD	.71626	.36622	.35847	.23530	.38667
#1	1518.4	1895.3	39116.	5049.0	2701.7
#2	1499.7	1900.9	38841.	5027.4	2699.6
#3	1518.4	1887.1	38936.	5029.7	2682.7

Sample Name: S6 Acquired: 8/15/2018 14:58:41 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	50.464	27.169	10.322	4.7915	5.3800
Stddev	.205	.030	.022	.0116	.0083
%RSD	.40637	.11049	.21408	.24126	.15382

#1	50.481	27.153	10.332	4.7997	5.3770
#2	50.661	27.203	10.297	4.7782	5.3736
#3	50.252	27.150	10.337	4.7965	5.3893

Int. Std.	Y_3710
Units	Cts/S
Avg	5085.3
Stddev	9.3
%RSD	.18314

#1	5079.2
#2	5080.6
#3	5096.0

Sample Name: ICV Acquired: 8/15/2018 15:02:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	1.037461	1.104465	1.059538	1.091504	.9935296	2.499228
Stddev	.001814	.003764	.004952	.012764	.0038569	.011304
%RSD	.1748924	.3408048	.4673306	1.169414	.3882039	.4522971

#1	1.035529	1.100746	1.053994	1.093376	.9925941	2.512205
#2	1.037726	1.104377	1.063520	1.077907	.9902266	2.491527
#3	1.039129	1.108273	1.061100	1.103229	.9977683	2.493951

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5435151	.5422247	.5446657	10.74509	.5174013	.5338044
Stddev	.0012866	.0020128	.0032304	.03000	.0015093	.0027437
%RSD	.2367200	.3712091	.5930914	.2791711	.2917123	.5139933

#1	.5449998	.5439702	.5423807	10.74982	.5162424	.5321456
#2	.5428181	.5400230	.5432550	10.71301	.5191080	.5322962
#3	.5427274	.5426811	.5483615	10.77244	.5168535	.5369713

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5156373	5.371304	.5225023	6.049563	.5454945	.5087372
Stddev	.0094514	.048254	.0013963	.036967	.0026131	.0012273
%RSD	1.832961	.8983621	.2672269	.6110655	.4790282	.2412493

#1	.5098124	5.423723	.5227512	6.041237	.5436656	.5092324
#2	.5105572	5.328735	.5209983	6.017469	.5443305	.5073396
#3	.5265424	5.361454	.5237574	6.089983	.5484873	.5096396

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.46006	F .5561793	1.068708	10.78215	F .0197112	F 2.646762
Stddev	.22324	.0043331	.029253	.09311	.0009106	.015342
%RSD	2.134241	.7790823	2.737253	.8635390	4.619719	.5796686

#1	10.53993	.5600344	1.058969	10.88605	.0201047	2.644616
#2	10.20787	.5570139	1.045567	10.70627	.0203589	2.632605
#3	10.63238	.5514896	1.101589	10.75413	.0186700	2.663064

Sample Name: ICV Acquired: 8/15/2018 15:02:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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 2.591632	-.011507	2.640023	F 2.625139	2.815920	.0090869
Stddev	.012016	.005136	.007946	.016982	.006051	.0014781
%RSD	.4636458	44.63609	.3009975	.6469048	.2148780	16.26600

#1	2.585403	-.006178	2.635250	2.610164	2.809759	.0077241
#2	2.584010	-.016426	2.635624	2.621662	2.821855	.0088786
#3	2.605484	-.011916	2.649197	2.643590	2.816146	.0106581

Elem	Sr4077
Units	ppm
Avg	.0126634
Stddev	.0000462
%RSD	.3644926

#1	.0126544
#2	.0126223
#3	.0127133

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.765	2345.835	42997.71	5316.351	3383.042
Stddev	8.813	4.549	28.18	2.534	6.217
%RSD	.4872582	.1939146	.0655378	.0476632	.1837585

#1	1802.119	2344.844	42974.44	5316.866	3385.920
#2	1805.414	2350.798	42989.65	5313.599	3387.298
#3	1818.762	2341.863	43029.04	5318.588	3375.907

Sample Name: ICB Acquired: 8/15/2018 15:13:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.0024032	-.000413	.0019437	.0003805	.0001690	.0153758	.0001215
Stddev	.0012784	.002944	.0012379	.0008279	.0011227	.0158490	.0003687
%RSD	53.19427	713.7576	63.68574	217.5994	664.3793	103.0774	303.5317

#1	.0031306	.002882	.0033694	.0011537	-.001070	.0003220	.0001846
#2	.0009271	-.001332	.0013193	-.000493	.000457	.0138902	.0004546
#3	.0031519	-.002787	.0011424	.000481	.001119	.0319153	-.000275

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	.0000500	-.017014	-.000000	.0002382	.0071319	.0009393
Stddev	.000075	.0000310	.015646	.000193	.0000864	.0039048	.0099647
%RSD	455.7229	61.85666	91.95444	167381.8	36.28253	54.75139	1060.836

#1	.000052	.0000234	-.034897	-.000196	.0002181	.0058207	-.002233
#2	-.000004	.0000840	-.010297	.000005	.0003329	.0115235	.012104
#3	-.000097	.0000427	-.005850	.000190	.0001636	.0040514	-.007053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000971	-.019846	-.000475	.0000235	-.162764	-.001948	-.002471
Stddev	.001327	.042764	.000520	.0001513	.188063	.006251	.011897
%RSD	136.6311	215.4769	109.4936	643.9924	115.5434	320.9034	481.5181

#1	.000544	.028836	-.000492	.0001749	.021061	-.005205	-.015840
#2	-.001928	-.051350	-.000986	.0000232	-.354795	-.005898	.006947
#3	-.001529	-.037024	.000054	-.000128	-.154557	.005259	.001482

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998122	.0011504	.0088749	-.000333	-.019693	.0003740	.0016057
Stddev	.1037530	.0010881	.0012143	.000358	.002204	.0011387	.0012170
%RSD	103.9483	94.58148	13.68242	107.5117	11.19377	304.4628	75.79275

#1	.0511585	.0007951	.0101633	-.000650	-.020789	.0009101	.0012274
#2	.2189509	.0023718	.0087097	-.000403	-.017156	-.000934	.0029670
#3	.0293271	.0002845	.0077516	.000055	-.021135	.001146	.0006228

Sample Name: ICB Acquired: 8/15/2018 15:13:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	-.000706	-.001783	-.000002
Stddev	.002125	.002830	.000096
%RSD	301.1790	158.7035	6378.183

#1	.000868	-.003300	.000108
#2	.000138	.001482	-.000042
#3	-.003123	-.003531	-.000071

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.297	2353.123	43264.71	5348.067	3372.909
Stddev	17.446	9.322	72.77	8.463	12.441
%RSD	.9521562	.3961756	.1682076	.1582514	.3688499

#1	1836.218	2351.879	43308.83	5356.600	3372.596
#2	1813.224	2363.005	43180.71	5347.925	3385.503
#3	1847.449	2344.485	43304.58	5339.675	3360.627

Sample Name: ICSA Acquired: 8/15/2018 15:17:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.0047949	-.002467	-.001544	.0016837	.0069621	248.6953
Stddev	.0027324	.001072	.001623	.0040558	.0034262	.4774
%RSD	56.98488	43.46852	105.0919	240.8870	49.21269	.1919782

#1	.0047249	-.003686	-.003183	-.001641	.0030463	249.0743
#2	.0020982	-.002041	.000062	.000490	.0094088	248.8526
#3	.0075616	-.001672	-.001511	.006202	.0084312	248.1591

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064407	.0009533	-.000751	252.4503	.0493013	.0001285
Stddev	.0005130	.0000282	.000076	.5300	.0008044	.0003282
%RSD	7.965086	2.961651	10.07636	.2099526	1.631639	255.4682

#1	.0060000	.0009704	-.000821	252.6445	.0499209	.0001264
#2	.0070038	.0009207	-.000671	251.8506	.0483922	.0004578
#3	.0063183	.0009689	-.000763	252.8559	.0495908	-.000199

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002413	104.0291	.0085569	256.0287	.0043973	-.000259
Stddev	.000718	.2611	.0009150	1.0425	.0004623	.000087
%RSD	29.75762	.2509910	10.69302	.4071809	10.51411	33.48057

#1	-.003067	104.1332	.0079566	255.7917	.0042934	-.000166
#2	-.001645	103.7320	.0096100	255.1251	.0039957	-.000337
#3	-.002527	104.2221	.0081041	257.1693	.0049027	-.000274

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.094973	.0000052	-.015630	-.312149	.0069861	F .1135482
Stddev	.301864	.0048275	.014805	.094740	.0035322	.0028776
%RSD	317.8424	92098.66	94.72264	30.35089	50.56129	2.534214

#1	.094172	-.001443	-.031772	-.236189	.0029284	.1102521
#2	-.443099	-.003933	-.012437	-.281950	.0086571	.1155603
#3	.064009	.005391	-.002682	-.418306	.0093727	.1148320

Sample Name: ICSA Acquired: 8/15/2018 15:17:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.0016688	-.016480	-.003287	-.003078	-.004266	.0022163
Stddev	.0002475	.005440	.001478	.002144	.001196	.0016058
%RSD	14.83043	33.00747	44.95308	69.64818	28.02949	72.45184

#1	.0018844	-.013630	-.004794	-.001333	-.002968	.0034259
#2	.0017233	-.013058	-.003227	-.002429	-.005323	.0028286
#3	.0013986	-.022753	-.001840	-.005471	-.004505	.0003945

Elem	Sr4077
Units	ppm
Avg	.1065602
Stddev	.0005002
%RSD	.4694211

#1	.1059969
#2	.1067312
#3	.1069524

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.779	2205.352	41005.37	5231.072	3023.162
Stddev	14.304	4.471	254.89	4.211	7.612
%RSD	.8307540	.2027195	.6216011	.0804995	.2517991

#1	1732.732	2206.758	41275.84	5230.923	3021.321
#2	1705.596	2208.951	40769.62	5226.938	3031.526
#3	1727.008	2200.348	40970.66	5235.356	3016.639

Sample Name: ICSAB Acquired: 8/15/2018 15:21:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.0989910	.1054022	.0534608	.0535476	.6045932	243.9441
Stddev	.0037514	.0005870	.0018320	.0037173	.0022121	.2995
%RSD	3.789618	.5569262	3.426875	6.942009	.3658816	.1227855

#1	.0968798	.1057004	.0538520	.0555383	.6026499	244.1727
#2	.0967710	.1047260	.0514648	.0558456	.6070005	243.6050
#3	.1033223	.1057803	.0550657	.0492589	.6041293	244.0546

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5351450	.5283769	1.063508	248.5238	.5615466	.5264968
Stddev	.0012500	.0044461	.006749	.6953	.0029773	.0041655
%RSD	.2335858	.8414639	.6346444	.2797609	.5302043	.7911802

#1	.5346149	.5235013	1.056905	248.5227	.5587684	.5219692
#2	.5365727	.5294222	1.063223	249.2197	.5611820	.5273543
#3	.5342474	.5322072	1.070395	247.8291	.5646895	.5301668

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4760476	103.2828	.5053557	252.2032	1.069707	.1642581
Stddev	.0003877	.2905	.0033267	.7092	.006457	.0014043
%RSD	.0814475	.2812508	.6582971	.2811881	.6036643	.8549462

#1	.4763065	103.0300	.5019398	251.6240	1.062545	.1629571
#2	.4756018	103.6001	.5055418	252.9941	1.071492	.1657469
#3	.4762344	103.2182	.5085855	251.9915	1.075084	.1640702

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1703652	.5161060	1.017107	-.302771	.0264289	F .1154105
Stddev	.1404735	.0083820	.019141	.141116	.0028423	.0019074
%RSD	82.45437	1.624083	1.881895	46.60821	10.75448	1.652683

#1	.1148961	.5192172	.997226	-.319076	.0286081	.1133678
#2	.0660952	.5224875	1.018685	-.435027	.0232140	.1171451
#3	.3301042	.5066132	1.035410	-.154211	.0274646	.1157185

Sample Name: ICSAB Acquired: 8/15/2018 15:21:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.0034884	-.022126	.0058568	-.001219	-.003269	.0010471
Stddev	.0002938	.004183	.0007872	.000853	.001450	.0036453
%RSD	8.423203	18.90663	13.44038	69.96532	44.34450	348.1183

#1	.0034852	-.026786	.0050791	-.001795	-.003477	.0027439
#2	.0037838	-.018695	.0058381	-.000239	-.001727	-.003137
#3	.0031962	-.020896	.0066531	-.001623	-.004604	.003535

Elem	Sr4077
Units	ppm
Avg	.1053542
Stddev	.0002365
%RSD	.2244686

#1	.1050875
#2	.1054368
#3	.1055383

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1725.593	2219.420	41269.09	5286.291	3047.540
Stddev	11.487	.996	69.38	20.556	2.435
%RSD	.6656591	.0448923	.1681185	.3888635	.0798851

#1	1738.793	2219.666	41251.35	5289.654	3048.411
#2	1717.869	2220.270	41210.30	5304.959	3049.419
#3	1720.117	2218.323	41345.62	5264.261	3044.789

Sample Name: CCV093 Acquired: 8/15/2018 15:45:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.892676	4.932773	24.74659	4.784081	4.883999	406.9652	10.09918
Stddev	.025140	.038652	.16307	.034699	.025619	1.2242	.02757
%RSD	.5138361	.7835777	.6589796	.7252991	.5245558	.3008146	.2730402

#1	4.872009	4.925371	24.70639	4.752573	4.867510	406.0920	10.09753
#2	4.885355	4.898358	24.60737	4.778401	4.870974	406.4390	10.07247
#3	4.920664	4.974591	24.92600	4.821270	4.913514	408.3645	10.12754

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4993378	2.490943	415.6563	15.47581	2.518994	15.24652	422.6080
Stddev	.0010376	.015940	1.3704	.05009	.014122	.03694	1.4577
%RSD	.2078029	.6399142	.3296887	.3236532	.5606159	.2423112	.3449332

#1	.4996036	2.487665	416.5984	15.42917	2.516577	15.27449	423.3194
#2	.4981931	2.476897	414.0842	15.52875	2.506236	15.20464	420.9311
#3	.5002166	2.508267	416.2863	15.46952	2.534168	15.26042	423.5734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.95881	413.1810	2.536735	1.252859	400.9826	2.498099	14.79158
Stddev	.04561	.7583	.014764	.006063	1.5157	.009636	.15246
%RSD	.3048835	.1835263	.5820182	.4839312	.3780042	.3857492	1.030715

#1	14.99651	413.3166	2.529320	1.253722	401.6980	2.507314	14.91217
#2	14.90812	412.3641	2.527147	1.258445	399.2415	2.498893	14.84235
#3	14.97180	413.8624	2.553737	1.246411	402.0081	2.488090	14.62021

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.4584	5.129529	5.189942	4.888673	5.123022	4.879491	5.089416
Stddev	.2184	.042445	.014286	.023564	.046929	.011147	.031046
%RSD	.1422911	.8274629	.2752685	.4820032	.9160471	.2284394	.6100145

#1	153.6076	5.121841	5.200183	4.875773	5.120674	4.891291	5.088725
#2	153.2077	5.091454	5.173622	4.874375	5.077311	4.869139	5.058721
#3	153.5598	5.175293	5.196021	4.915870	5.171081	4.878044	5.120802

Sample Name: CCV093 Acquired: 8/15/2018 15:45:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.983729	5.103195	5.041224
Stddev	.010958	.014366	.012918
%RSD	.2198695	.2815126	.2562505

#1	4.994499	5.102771	5.047812
#2	4.972593	5.089045	5.026340
#3	4.984094	5.117768	5.049520

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1583.563	2014.245	39628.74	5115.395	2744.215
Stddev	14.054	7.769	144.83	14.353	12.841
%RSD	.8875048	.3856996	.3654575	.2805840	.4679174

#1	1571.827	2017.818	39577.71	5104.033	2746.434
#2	1579.725	2019.584	39516.35	5131.525	2755.801
#3	1599.138	2005.332	39792.18	5110.625	2730.409

Sample Name: CCB093 Acquired: 8/15/2018 15:49:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002415	-.000971	.0031970	.0014601	.0008610	.0086496
Stddev	.007919	.000536	.0007478	.0032181	.0028841	.0066179
%RSD	327.9765	55.17758	23.39228	220.4064	334.9727	76.51122

#1	-.000182	-.000987	.0040510	.0024366	.0006842	.0018253
#2	.004149	-.000427	.0026593	-.002133	-.001931	.0090837
#3	-.011210	-.001498	.0028806	.004077	.003829	.0150397

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000737	-.000081	.0001287	-.002820	.0002787	.0001625
Stddev	.000350	.000010	.0000473	.005630	.0003349	.0002185
%RSD	47.52401	11.85472	36.70901	199.6431	120.1571	134.4799

#1	-.000361	-.000077	.0001606	.003681	.0001756	-.000022
#2	-.000795	-.000092	.0000744	-.006039	.0006530	.000404
#3	-.001055	-.000075	.0001512	-.006102	.0000074	.000106

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052071	-.006230	-.001323	.0132319	-.000333	-.000529
Stddev	.0036706	.021732	.001190	.0564374	.000168	.000226
%RSD	70.49147	348.8379	89.92757	426.5246	50.35067	42.78072

#1	.0058740	-.025010	-.001000	.0762395	-.000161	-.000778
#2	.0012488	.017574	-.000328	-.032684	-.000496	-.000336
#3	.0084986	-.011254	-.002641	-.003860	-.000343	-.000472

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.134830	-.002487	-.018002	.1940332	-.000918	F .0165917
Stddev	.146087	.003935	.011879	.0275850	.000505	.0011893
%RSD	108.3495	158.2467	65.98561	14.21664	54.96255	7.168110

#1	-.105653	-.006060	-.004720	.1838806	-.001483	.0179650
#2	-.005533	.001731	-.021676	.1729633	-.000509	.0159157
#3	-.293303	-.003133	-.027610	.2252558	-.000763	.0158945

Sample Name: CCB093 Acquired: 8/15/2018 15:49:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	-.027332	.0001195	.0025686	.0005739	.0014877
Stddev	.000069	.001832	.0014677	.0004101	.0017016	.0012964
%RSD	293.0322	6.701880	1228.000	15.96778	296.5074	87.14145

#1	-.000101	-.029401	-.001504	.0022339	-.001248	.0029458
#2	-.000002	-.026679	.001352	.0030261	.002121	.0004650
#3	.000032	-.025916	.000511	.0024457	.000849	.0010524

Elem	Sr4077
Units	ppm
Avg	-.000009
Stddev	.000062
%RSD	676.7069

#1	.000008
#2	-.000078
#3	.000042

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.449	2346.702	43266.61	5359.083	3358.626
Stddev	9.502	9.508	108.62	20.921	16.410
%RSD	.5208002	.4051706	.2510594	.3903920	.4885908

#1	1833.350	2350.557	43275.36	5335.475	3368.615
#2	1814.443	2353.678	43370.59	5366.450	3367.576
#3	1825.553	2335.872	43153.87	5375.325	3339.687

Sample Name: PB112083BL Acquired: 8/15/2018 15:53:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	-.002414	-.004172	.0011649	.0012846	.0006363	-.004074	-.000557
Stddev	.001478	.000627	.0007253	.0023134	.0011724	.006053	.000568
%RSD	61.24952	15.02259	62.26362	180.0807	184.2512	148.5737	101.9465

#1	-.001211	-.003688	.0004995	-.000847	-.000228	-.009729	-.001212
#2	-.004064	-.004880	.0019381	.000957	.000166	-.004804	-.000194
#3	-.001967	-.003947	.0010570	.003744	.001971	.002311	-.000266

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000103	-.000017	.0146713	.0000720	.0000430	.0035978	.0019208
Stddev	.000022	.000074	.0168904	.0002075	.0002919	.0047772	.0089270
%RSD	20.95771	428.2736	115.1253	288.0498	679.5641	132.7796	464.7518

#1	-.000085	.000061	.0327925	-.000114	.0003150	.0015105	.0062107
#2	-.000127	-.000026	.0118562	.000034	.0000793	.0002196	.0078931
#3	-.000098	-.000086	-.000635	.000296	-.000265	.0090634	-.008341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001224	.0088392	-.000403	-.000257	-.068049	-.000964	-.009703
Stddev	.000709	.0360043	.000444	.000272	.101898	.001293	.005991
%RSD	57.92946	407.3257	110.1494	105.7228	149.7419	134.1449	61.74427

#1	-.001112	.0174125	-.000498	.000023	-.107531	-.000839	-.011395
#2	-.001983	.0397829	-.000793	-.000520	-.144299	.000262	-.014667
#3	-.000578	-.030678	.000080	-.000276	.047682	-.002315	-.003048

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600392	-.000227	.0085017	-.000470	-.018314	.0004248	.0010541
Stddev	.0678992	.002101	.0008035	.000081	.003810	.0002111	.0009353
%RSD	113.0914	923.6308	9.451634	17.25235	20.80278	49.69714	88.73070

#1	.1376600	-.002348	.0081778	-.000438	-.018230	.0001844	.0005317
#2	.0116600	-.000188	.0079107	-.000562	-.022164	.0005802	.0004967
#3	.0307977	.001853	.0094167	-.000409	-.014546	.0005097	.0021340

Sample Name: PB112083BL Acquired: 8/15/2018 15:53:28 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	-.001098	-.001520	.0000283
Stddev	.000698	.000893	.0001133
%RSD	63.59650	58.78591	399.9260

#1	-.001858	-.001044	.0000457
#2	-.000951	-.002550	.0001320
#3	-.000485	-.000965	-.000093

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.513	2422.107	44486.84	5548.350	3476.224
Stddev	10.628	4.549	112.56	19.379	11.136
%RSD	.5684906	.1878101	.2530113	.3492744	.3203465

#1	1858.141	2423.207	44399.52	5570.700	3481.887
#2	1879.193	2426.005	44613.87	5536.225	3483.390
#3	1871.206	2417.109	44447.14	5538.125	3463.395

Sample Name: PB112083BS Acquired: 8/15/2018 15:57:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.0186591	.0456085	.0219487	.0697250	.1163619	.3837184
Stddev	.0036751	.0008441	.0018251	.0022733	.0009957	.0100222
%RSD	19.69580	1.850741	8.315286	3.260358	.8556470	2.611855

#1	.0171011	.0454787	.0240212	.0711219	.1168127	.3930620
#2	.0228565	.0448368	.0212434	.0709512	.1152206	.3849598
#3	.0160197	.0465100	.0205815	.0671019	.1170525	.3731333

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3965453	.0106224	.0103202	9.729269	.0185775	.0956405
Stddev	.0012388	.0000579	.0001968	.044721	.0003913	.0004716
%RSD	.3123956	.5455137	1.906753	.4596588	2.106065	.4930428

#1	.3966920	.0105704	.0103089	9.753266	.0181272	.0955360
#2	.3977042	.0106849	.0101293	9.756869	.0188342	.0952299
#3	.3952397	.0106121	.0105224	9.677671	.0187711	.0961555

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491056	.1990707	.0261385	9.443092	.0792039	.0189970
Stddev	.0048810	.0229984	.0007852	.051592	.0004107	.0001675
%RSD	9.939698	11.55286	3.004037	.5463425	.5185583	.8815201

#1	.0435438	.2240272	.0261845	9.387121	.0787497	.0188059
#2	.0510972	.1944541	.0268997	9.453411	.0793131	.0190670
#3	.0526759	.1787309	.0253313	9.488744	.0795490	.0191182

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.321110	.0971081	.1041773	9.185013	F .1707308	F .0252063
Stddev	.142880	.0041762	.0127896	.134320	.0013009	.0007150
%RSD	1.532868	4.300615	12.27671	1.462383	.7619737	2.836688

#1	9.357530	.0926700	.1187266	9.054244	.1708230	.0250580
#2	9.163544	.1009608	.0947091	9.322623	.1693863	.0259839
#3	9.442255	.0976934	.0990962	9.178171	.1719832	.0245771

Sample Name: PB112083BS Acquired: 8/15/2018 15:57:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.0187085	.1655712	.1937053	F .0139502	.0987752	.0884432
Stddev	.0001906	.0044595	.0028358	.0013417	.0013326	.0021960
%RSD	1.018602	2.693411	1.463988	9.617624	1.349082	2.482955

#1	.0189270	.1607496	.1957026	.0149989	.0978063	.0887495
#2	.0185771	.1664163	.1904594	.0124383	.1002948	.0904700
#3	.0186213	.1695477	.1949539	.0144134	.0982244	.0861102

Elem	Sr4077
Units	ppm
Avg	.1985717
Stddev	.0002927
%RSD	.1474288

#1	.1988931
#2	.1985019
#3	.1983202

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.643	2346.443	43411.42	5368.200	3397.610
Stddev	2.952	6.276	159.85	22.852	8.463
%RSD	.1615927	.2674852	.3682162	.4256836	.2490842

#1	1829.968	2345.574	43227.06	5345.825	3397.426
#2	1825.628	2353.109	43495.86	5391.500	3406.163
#3	1824.332	2340.647	43511.33	5367.275	3389.240

Sample Name: J4425-08 Acquired: 8/15/2018 16:01:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037318	.0002681	.0026728	-.001011	-.000819	.0010894	-.000124
Stddev	.0025143	.0012059	.0019420	.001480	.000730	.0177507	.000692
%RSD	67.37597	449.7663	72.65608	146.4001	89.07389	1629.434	557.3139

#1	.0047931	.0014132	.0004628	-.002606	-.001658	-.018857	.000674
#2	.0008608	-.000991	.0034492	-.000747	-.000330	.015150	-.000491
#3	.0055414	.000382	.0041065	.000319	-.000470	.006975	-.000556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000047	-.000062	.0120803	.0000900	.0000975	.0069629	-.001486
Stddev	.000038	.000042	.0216058	.0002910	.0001165	.0022333	.013354
%RSD	80.85768	67.09531	178.8516	323.1273	119.4612	32.07384	898.5146

#1	-.000090	-.000020	.0365665	-.000177	.0002252	.0083716	.013392
#2	-.000018	-.000104	-.004301	.000400	.0000706	.0043879	-.005418
#3	-.000033	-.000063	.003976	.000047	-.000003	.0081291	-.012432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001071	.0109099	.0001491	-.000089	-.044788	.0008239	-.005068
Stddev	.001345	.0273557	.0005241	.000443	.126301	.0009613	.012674
%RSD	125.5815	250.7412	351.4517	496.0065	281.9959	116.6722	250.1001

#1	.000365	.0175210	.0007476	-.000067	-.164030	.0009112	-.008671
#2	-.001278	.0343543	-.000073	.000342	-.057884	-.000178	.009018
#3	-.002300	-.019145	-.000228	-.000543	.087550	.001739	-.015550

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.00115	-.001353	.0023278	-.000447	-.021685	.0026221	-.001581
Stddev	.02794	.001670	.0003050	.000130	.003253	.0013090	.001385
%RSD	1.396132	123.4312	13.10321	29.00905	15.00232	49.92168	87.56994

#1	-1.99136	.000112	.0020336	-.000297	-.018061	.0028551	-.000479
#2	-2.03267	-.003171	.0023073	-.000519	-.022640	.0012122	-.003135
#3	-1.97942	-.001000	.0026426	-.000526	-.024353	.0037989	-.001129

Sample Name: J4425-08 Acquired: 8/15/2018 16:01:48 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA3YQ6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001167	-.010860	-.000055
Stddev	.002161	.001153	.000089
%RSD	185.2288	10.61265	163.1251

#1	-.000149	-.009934	.000042
#2	-.003649	-.012151	-.000133
#3	.000298	-.010495	-.000073

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1899.704	2449.997	44969.55	5564.767	3485.292
Stddev	3.209	5.286	178.39	42.813	7.763
%RSD	.1689121	.2157634	.3966859	.7693565	.2227460

#1	1900.364	2452.093	44792.05	5612.325	3490.401
#2	1896.216	2453.915	44967.80	5552.675	3489.117
#3	1902.531	2443.985	45148.81	5529.300	3476.359

Sample Name: PB112078BL Acquired: 8/15/2018 16:05:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.0006599	-.000927	.0012479	-.000812	-.000966	.0048642	.0001258
Stddev	.0024018	.001778	.0010186	.003921	.001236	.0116932	.0006700
%RSD	363.9426	191.7271	81.62631	483.1043	127.8718	240.3931	532.5173

#1	.0011247	.000160	.0024228	-.000209	-.002000	.0177770	.0008895
#2	-.001940	.000037	.0007070	.002773	.000402	-.005009	-.000363
#3	.002795	-.002979	.0006138	-.004999	-.001301	.001825	-.000149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000106	.0000442	.0044093	-.000066	.0000268	.0032454	-.001816
Stddev	.000048	.0000649	.0205591	.000252	.0003116	.0008800	.007137
%RSD	45.29787	146.9313	466.2733	382.5577	1162.061	27.11612	392.9597

#1	-.000158	.0001104	.0273228	-.000139	-.000187	.0024323	-.008094
#2	-.000063	-.000019	-.012424	-.000273	-.000117	.0041798	-.003300
#3	-.000096	.000042	-.001671	.000215	.000384	.0031242	.005946

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000840	-.020876	-.000216	.0001448	.0815346	.0000277	-.007673
Stddev	.000813	.044058	.000452	.0000580	.2449269	.0022861	.012191
%RSD	96.74662	211.0495	209.5713	40.01593	300.3963	8249.954	158.8851

#1	.000050	-.058616	-.000508	.0000796	-.194546	.0017588	-.016433
#2	-.001029	.027539	-.000445	.0001903	.272715	.0008881	.006250
#3	-.001543	-.031550	.000305	.0001646	.166435	-.002564	-.012835

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079920	-.000185	.0031961	-.000528	-.025057	.0005177	.0010682
Stddev	.054040	.003140	.0010023	.000310	.004282	.0005867	.0006896
%RSD	67.61797	1700.947	31.35905	58.75726	17.09110	113.3348	64.55289

#1	-.108922	.003418	.0032332	-.000513	-.022864	.0006578	.0002724
#2	-.017570	-.002339	.0021758	-.000226	-.029991	.0010217	.0014441
#3	-.113268	-.001633	.0041794	-.000846	-.022315	-.000126	.0014882

Sample Name: PB112078BL Acquired: 8/15/2018 16:05:59 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	-.000666	-.005544	.0000316
Stddev	.001010	.001996	.0000986
%RSD	151.5317	35.99637	312.5698

#1	-.001739	-.007407	.0000218
#2	-.000525	-.005789	.0001347
#3	.000265	-.003438	-.000062

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1899.411	2467.207	45382.38	5686.508	3541.803
Stddev	5.524	2.541	165.80	28.728	5.954
%RSD	.2908365	.1029805	.3653459	.5051892	.1680953

#1	1905.776	2465.219	45494.04	5676.050	3535.125
#2	1895.867	2470.069	45461.24	5719.000	3543.727
#3	1896.591	2466.331	45191.87	5664.475	3546.557

Sample Name: PB112078BS Acquired: 8/15/2018 16:10:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	F .0136540	.0459202	.0228436	.0689896	.1165129	.3863698
Stddev	.0044741	.0015580	.0017472	.0017767	.0024090	.0174517
%RSD	32.76728	3.392804	7.648595	2.575387	2.067618	4.516839

#1	.0125655	.0472012	.0236455	.0685616	.1137314	.4064624
#2	.0098247	.0463736	.0240460	.0674660	.1178714	.3776562
#3	.0185719	.0441858	.0208394	.0709413	.1179358	.3749907

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3946533	.0104961	.0102974	9.691239	.0183411	.0949733
Stddev	.0003756	.0001684	.0000858	.020825	.0004774	.0001850
%RSD	.0951807	1.604796	.8332693	.2148831	2.602719	.1948153

#1	.3944849	.0103743	.0103290	9.686353	.0177925	.0951558
#2	.3950837	.0104256	.0102003	9.673292	.0186617	.0949783
#3	.3943914	.0106883	.0103629	9.714073	.0185692	.0947858

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491563	.1957437	.0262809	9.335283	.0792166	.0187998
Stddev	.0033960	.0068300	.0008380	.118763	.0006954	.0005502
%RSD	6.908571	3.489283	3.188580	1.272199	.8778049	2.926839

#1	.0480603	.1975543	.0271627	9.352942	.0790632	.0193970
#2	.0529650	.2014859	.0254950	9.208679	.0786107	.0183135
#3	.0464437	.1881907	.0261850	9.444228	.0799758	.0186887

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.361883	.0987123	.1058774	8.919675	F .1745468	F .0221847
Stddev	.320226	.0012603	.0032893	.015641	.0021501	.0001175
%RSD	3.420532	1.276777	3.106743	.1753586	1.231792	.5295324

#1	9.138076	.0985267	.1091933	8.905582	.1744273	.0220632
#2	9.728693	.1000552	.1058235	8.936504	.1724591	.0221934
#3	9.218878	.0975551	.1026153	8.916940	.1767542	.0222977

Sample Name: PB112078BS Acquired: 8/15/2018 16:10:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) 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	.0185472	.1570582	.1907540	F .0130294	.0988043	.0852561
Stddev	.0001096	.0047036	.0007253	.0006011	.0048368	.0016760
%RSD	.5907859	2.994835	.3802198	4.613014	4.895353	1.965865

#1	.0184789	.1522674	.1907657	.0123973	.0945674	.0846596
#2	.0186736	.1572378	.1900230	.0130974	.0977713	.0839600
#3	.0184892	.1616695	.1914734	.0135936	.1040741	.0871488

Elem	Sr4077
Units	ppm
Avg	.1970677
Stddev	.0007191
%RSD	.3648998

#1	.1965932
#2	.1967148
#3	.1978951

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.011	2347.601	43475.46	5432.850	3403.630
Stddev	3.046	6.503	67.98	19.137	9.942
%RSD	.1667306	.2770249	.1563593	.3522465	.2921024

#1	1824.022	2348.669	43404.58	5450.075	3403.183
#2	1826.898	2353.504	43540.11	5436.225	3413.788
#3	1830.112	2340.629	43481.69	5412.250	3393.919

Sample Name: J4425-01 Acquired: 8/15/2018 16:14:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017166	-.001011	.1731000	.0010574	.3903914	8.230774	.0167510
Stddev	.0023123	.003020	.0034208	.0020268	.0021217	.019508	.0009371
%RSD	134.6977	298.6353	1.976186	191.6866	.5434906	.2370123	5.594381

#1	.0005240	.002303	.1733115	.0024082	.3891166	8.208369	.0166142
#2	.0043817	-.001730	.1695784	-.001273	.3892169	8.243996	.0158899
#3	.0002442	-.003606	.1764101	.002037	.3928407	8.239958	.0177490

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0929372	.0474827	1.845099	.1299053	.2285026	.1603178	1.501757
Stddev	.0007799	.0003420	.011824	.0007291	.0013045	.0020089	.029190
%RSD	.8392126	.7202911	.6408137	.5612558	.5708958	1.253102	1.943745

#1	.0931390	.0471866	1.832947	.1296968	.2277972	.1620337	1.468394
#2	.0920762	.0474044	1.845786	.1307159	.2277027	.1608118	1.514284
#3	.0935964	.0478571	1.856564	.1293031	.2300079	.1581080	1.522593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079306	24.47184	.0036900	.1618329	27.56925	.0047184	.2958441
Stddev	.0014686	.10668	.0006253	.0001011	.30150	.0005670	.0104470
%RSD	18.51776	.4359230	16.94711	.0624888	1.093592	12.01593	3.531237

#1	.0067140	24.34891	.0037130	.1618914	27.63235	.0049399	.3015318
#2	.0095620	24.54009	.0030535	.1617162	27.83421	.0051411	.3022130
#3	.0075159	24.52652	.0043035	.1618912	27.24120	.0040741	.2837874

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.09957	.0190207	.0158264	.0000365	.1690262	1.163319	.0056834
Stddev	.14556	.0033716	.0012311	.0001583	.0027324	.008729	.0010787
%RSD	.4268679	17.72615	7.778497	433.6076	1.616546	.7503169	18.97917

#1	33.95987	.0229120	.0144641	.0001159	.1695441	1.169734	.0057658
#2	34.08850	.0169663	.0161561	-.000146	.1660720	1.166843	.0045660
#3	34.25035	.0171839	.0168591	.000139	.1714626	1.153379	.0067186

Sample Name: J4425-01 Acquired: 8/15/2018 16:14:20 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YQ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0167970	-.002763	.0131749
Stddev	.0023467	.002436	.0001250
%RSD	13.97064	88.16040	.9485944

#1	.0150476	-.005499	.0130401
#2	.0194638	-.000828	.0131976
#3	.0158798	-.001963	.0132870

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1805.734	2339.403	43132.89	5469.675	3342.414
Stddev	11.691	10.598	137.95	31.045	12.704
%RSD	.6474228	.4530370	.3198174	.5675851	.3800964

#1	1816.823	2346.275	43285.94	5475.100	3347.839
#2	1806.857	2344.736	43094.61	5497.650	3351.504
#3	1793.523	2327.197	43018.13	5436.275	3327.897

Sample Name: J4425-03 Acquired: 8/15/2018 16:18:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123407	-.013124	.0361637	.0063863	.0027014	40.52323	.1836836
Stddev	.0009593	.002120	.0037716	.0030448	.0002872	.07511	.0006107
%RSD	7.773380	16.15286	10.42937	47.67641	10.62987	.1853461	.3324849

#1	.0114332	-.014467	.0331825	.0098428	.0030218	40.43652	.1839739
#2	.0122444	-.014225	.0349047	.0041010	.0026153	40.56494	.1829818
#3	.0133445	-.010680	.0404038	.0052152	.0024671	40.56823	.1840950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032418	-.000253	2.215679	.0724640	.0291145	.0391375	81.36583
Stddev	.0000455	.000091	.012303	.0003432	.0003623	.0045504	.22806
%RSD	1.402642	35.87413	.5552880	.4735440	1.244417	11.62662	.2802916

#1	.0032251	-.000159	2.201705	.0721624	.0293500	.0342929	81.55055
#2	.0032933	-.000260	2.220447	.0728373	.0286973	.0397982	81.11092
#3	.0032071	-.000341	2.224885	.0723923	.0292961	.0433214	81.43601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7760738	13.39387	.0520333	-.000196	.7315942	.1366961	.1558043
Stddev	.0026857	.03555	.0005535	.000230	.3500060	.0073048	.0085380
%RSD	.3460674	.2654036	1.063674	117.5149	47.84155	5.343801	5.479923

#1	.7787874	13.42570	.0513974	-.000454	.3522046	.1297595	.1459509
#2	.7734169	13.40040	.0522958	-.000118	1.041920	.1360083	.1610134
#3	.7760170	13.35551	.0524066	-.000014	.800658	.1443204	.1604486

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.580661	1.199687	.0900886	.0025762	.1630110	3.797417	.0096088
Stddev	.092616	.007079	.0004696	.0002545	.0042648	.044528	.0010149
%RSD	2.586552	.5900302	.5212216	9.878643	2.616273	1.172592	10.56183

#1	3.637110	1.192162	.0901532	.0026599	.1624601	3.848512	.0099974
#2	3.473774	1.206212	.0905225	.0027783	.1675245	3.776839	.0103719
#3	3.631099	1.200686	.0895901	.0022904	.1590485	3.766899	.0084571

Sample Name: J4425-03 Acquired: 8/15/2018 16:18:24 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA3YQ8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.049242	.0311597	.0270615
Stddev	.012226	.0013821	.0003044
%RSD	.3019326	4.435554	1.124993

#1	4.039163	.0319921	.0267252
#2	4.062842	.0319228	.0271407
#3	4.045720	.0295643	.0273185

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.010	2561.274	47671.26	5952.177	3370.607
Stddev	6.984	9.734	194.51	14.643	15.222
%RSD	.3516406	.3800462	.4080241	.2460118	.4516114

#1	1977.963	2571.547	47465.01	5935.693	3385.383
#2	1990.484	2560.088	47697.35	5957.159	3371.463
#3	1989.583	2552.188	47851.40	5963.679	3354.975

Sample Name: J4425-04 Acquired: 8/15/2018 16:22:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183842	-.008752	.1850273	.0046177	.0042407	56.03291	.4705567
Stddev	.0013154	.002834	.0007855	.0036383	.0005874	.11764	.0010019
%RSD	7.154813	32.38119	.4245270	78.79077	13.85233	.2099447	.2129270

#1	.0198396	-.006400	.1842439	.0081052	.0047038	56.03571	.4715360
#2	.0180326	-.011899	.1858148	.0008453	.0044383	55.91389	.4695336
#3	.0172803	-.007958	.1850231	.0049027	.0035799	56.14911	.4706004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048250	-.000032	10.40553	.0724256	.0362074	.0788280	90.81298
Stddev	.0000739	.000077	.04544	.0004469	.0001995	.0040221	.29829
%RSD	1.530900	244.5669	.4366782	.6170600	.5509117	5.102338	.3284670

#1	.0049103	-.000090	10.35541	.0728475	.0363356	.0830179	90.72706
#2	.0047820	.000056	10.44403	.0719573	.0359776	.0749979	91.14480
#3	.0047828	-.000061	10.41715	.0724720	.0363090	.0784683	90.56707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.135253	15.81849	.0592092	.0002418	1.126506	.1679281	.7019559
Stddev	.004336	.02876	.0010644	.0004047	.344883	.0001357	.0074005
%RSD	.3819620	.1818215	1.797739	167.3899	30.61524	.0807897	1.054269

#1	1.140251	15.81027	.0580318	-.000173	.897633	.1680125	.7104555
#2	1.132483	15.85046	.0601035	.000263	1.523178	.1680003	.6984709
#3	1.133027	15.79473	.0594922	.000635	.958708	.1677716	.6969413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.606514	3.095674	.1009696	.0029200	.2098416	5.186898	.0108512
Stddev	.057373	.010414	.0001977	.0003067	.0055026	.036671	.0026247
%RSD	1.245479	.3364169	.1958265	10.50205	2.622245	.7069831	24.18847

#1	4.613712	3.092310	.1011525	.0027806	.2093358	5.186619	.0079305
#2	4.659949	3.087358	.1009963	.0027078	.2046094	5.223707	.0130125
#3	4.545882	3.107355	.1007598	.0032716	.2155796	5.150368	.0116106

Sample Name: J4425-04 Acquired: 8/15/2018 16:22:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YR4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.794947	.0768128	.0661247
Stddev	.014711	.0004625	.0001322
%RSD	.5263260	.6021837	.1999892

#1	2.810927	.0767947	.0660116
#2	2.791944	.0772841	.0660925
#3	2.781969	.0763595	.0662701

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.807	2699.886	50304.61	6283.586	3369.688
Stddev	26.642	3.493	264.28	18.988	3.053
%RSD	1.266963	.1293842	.5253669	.3021830	.0905995

#1	2079.709	2703.589	50132.40	6275.772	3373.212
#2	2096.759	2696.650	50172.54	6269.751	3368.020
#3	2131.953	2699.419	50608.90	6305.234	3367.833

Sample Name: J4425-05 Acquired: 8/15/2018 16:26:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184374	-.011803	.0741706	.0084132	.0036795	62.51566	.3272181
Stddev	.0055891	.002667	.0026815	.0003484	.0022383	.10360	.0011277
%RSD	30.31365	22.60033	3.615297	4.140980	60.83202	.1657262	.3446345

#1	.0127144	-.012108	.0735785	.0087315	.0055308	62.55524	.3271950
#2	.0238822	-.014304	.0770986	.0084671	.0043158	62.59364	.3283572
#3	.0187157	-.008996	.0718346	.0080410	.0011919	62.39810	.3261021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047489	-.000263	4.525952	.0796749	.0294518	.0386996	84.45983
Stddev	.0000584	.000151	.017619	.0003215	.0002550	.0048758	.20551
%RSD	1.229145	57.49532	.3892859	.4034701	.8659104	12.59908	.2433225

#1	.0047433	-.000420	4.546288	.0796923	.0295650	.0437997	84.48524
#2	.0046935	-.000251	4.515268	.0793451	.0291598	.0382148	84.65145
#3	.0048098	-.000118	4.516300	.0799873	.0296306	.0340843	84.24279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8083369	14.36263	.0574610	-.000359	.9464823	.1595533	.1585770
Stddev	.0019660	.15043	.0005416	.000023	.1387138	.0076681	.0210962
%RSD	.2432143	1.047346	.9426106	6.465090	14.65572	4.806007	13.30341

#1	.8077565	14.24673	.0578145	-.000366	.8222924	.1508751	.1559003
#2	.8105277	14.53263	.0568374	-.000333	.9209748	.1654144	.1389469
#3	.8067264	14.30854	.0577311	-.000378	1.096180	.1623705	.1808837

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.516389	.8609950	.0949246	.0029468	.1485511	4.363982	.0103935
Stddev	.148805	.0140156	.0009655	.0002551	.0048402	.039958	.0002771
%RSD	3.294783	1.627843	1.017106	8.658415	3.258290	.9156233	2.666028

#1	4.614312	.8448526	.0957447	.0028303	.1527512	4.383140	.0106759
#2	4.589703	.8700691	.0951687	.0027706	.1496445	4.390753	.0101220
#3	4.345152	.8680632	.0938606	.0032394	.1432578	4.318053	.0103827

Sample Name: J4425-05 Acquired: 8/15/2018 16:26:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA3YR7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.338998	.0504935	.0645856
Stddev	.009083	.0019546	.0002836
%RSD	.2720220	3.870975	.4390582

#1	3.330519	.0483743	.0649005
#2	3.348583	.0508806	.0645057
#3	3.337893	.0522256	.0643505

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2197.315	2839.437	52675.29	6593.165	3368.343
Stddev	11.200	8.413	58.40	26.477	14.613
%RSD	.5096903	.2962946	.1108684	.4015799	.4338354

#1	2196.761	2847.304	52680.49	6587.527	3381.186
#2	2208.782	2840.440	52614.46	6569.961	3371.399
#3	2186.403	2830.568	52730.91	6622.007	3352.443

Sample Name: J4425-06 Acquired: 8/15/2018 16:30:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YR7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193655	-.013339	.0767005	.0054260	.0031349	62.87641	.3279068
Stddev	.0027493	.003476	.0019237	.0022531	.0006000	.08689	.0011076
%RSD	14.19682	26.05967	2.508021	41.52371	19.13859	.1381839	.3377681

#1	.0225402	-.014477	.0760007	.0041893	.0026011	62.97198	.3289569
#2	.0177791	-.009437	.0788761	.0040621	.0030193	62.85506	.3280141
#3	.0177774	-.016104	.0752248	.0080266	.0037843	62.80219	.3267495

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047398	-.000209	4.558020	.0803070	.0304437	.0376392	84.71177
Stddev	.0000242	.000088	.054907	.0005797	.0001389	.0003958	.28541
%RSD	.5106529	42.03100	1.204616	.7219017	.4564085	1.051494	.3369191

#1	.0047436	-.000285	4.560864	.0803862	.0305971	.0374326	84.65651
#2	.0047620	-.000228	4.611449	.0796917	.0303263	.0380955	85.02077
#3	.0047140	-.000113	4.501747	.0808430	.0304078	.0373894	84.45803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8019322	14.32403	.0576150	-.000113	.6972680	.1576028	.1727641
Stddev	.0042317	.17681	.0008527	.000060	.0798980	.0055279	.0055517
%RSD	.5276905	1.234348	1.479950	52.68975	11.45872	3.507459	3.213451

#1	.7978734	14.33973	.0566657	-.000075	.7728231	.1543719	.1745909
#2	.8063179	14.49246	.0578634	-.000082	.6136401	.1544509	.1771722
#3	.8016054	14.13989	.0583159	-.000182	.7053407	.1639857	.1665292

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.540651	.8666847	.0946022	.0029779	.1532041	4.364460	.0103858
Stddev	.053799	.0049272	.0006792	.0001629	.0077637	.015538	.0015118
%RSD	1.184839	.5685128	.7179700	5.469346	5.067537	.3560138	14.55668

#1	4.567003	.8720022	.0952801	.0030538	.1591694	4.370546	.0091760
#2	4.576194	.8622737	.0939217	.0030890	.1560168	4.376033	.0120806
#3	4.478756	.8657782	.0946047	.0027909	.1444261	4.346799	.0099009

Sample Name: J4425-06 Acquired: 8/15/2018 16:30:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YR7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.339028	.0493881	.0645645
Stddev	.015934	.0016675	.0003601
%RSD	.4772002	3.376303	.5577656

#1	3.355623	.0474638	.0648483
#2	3.323850	.0504079	.0646859
#3	3.337611	.0502925	.0641594

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.287	2829.248	52705.01	6584.600	3354.533
Stddev	3.326	5.586	138.24	8.322	7.616
%RSD	.1505536	.1974390	.2622823	.1263831	.2270248

#1	2210.761	2834.301	52851.98	6582.644	3362.475
#2	2205.478	2830.194	52577.58	6577.430	3353.833
#3	2211.621	2823.250	52685.48	6593.725	3347.292

Sample Name: J4425-05LX5 Acquired: 8/15/2018 16:38:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YR7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077253	-.006417	.0162783	.0006408	.0011476	15.04251	.0777879
Stddev	.0014291	.002626	.0009187	.0000461	.0014747	.09052	.0002989
%RSD	18.49857	40.92182	5.643409	7.194154	128.5053	.6017346	.3842268

#1	.0063045	-.007388	.0162103	.0005891	.0000750	14.94671	.0778606
#2	.0091625	-.008419	.0172291	.0006774	.0028292	15.12660	.0774593
#3	.0077089	-.003444	.0153955	.0006561	.0005385	15.05423	.0780437

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011442	-.000047	1.076886	.0184584	.0059635	.0114932	19.70701
Stddev	.0000177	.000028	.008593	.0006356	.0002886	.0034327	.06543
%RSD	1.544629	59.80532	.7979524	3.443508	4.839893	29.86669	.3320289

#1	.0011521	-.000051	1.086467	.0187685	.0056380	.0086840	19.77022
#2	.0011565	-.000073	1.069862	.0188794	.0060643	.0153195	19.63956
#3	.0011239	-.000017	1.074328	.0177272	.0061881	.0104762	19.71127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1831856	3.408805	.0118164	-.000519	.0206448	.0332293	.0309855
Stddev	.0009336	.052932	.0003929	.000147	.0470855	.0042184	.0064337
%RSD	.5096463	1.552793	3.324757	28.24930	228.0750	12.69475	20.76350

#1	.1821264	3.347686	.0120156	-.000373	.0255965	.0324857	.0324548
#2	.1835417	3.439558	.0113639	-.000666	-.028721	.0294323	.0239442
#3	.1838888	3.439172	.0120698	-.000518	.065059	.0377701	.0365574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9930620	.1846449	.0204602	.0007317	.0125442	1.077259	.0025987
Stddev	.0981507	.0039356	.0014339	.0001432	.0074616	.036802	.0008796
%RSD	9.883648	2.131453	7.008102	19.57220	59.48254	3.416283	33.84638

#1	.9369660	.1820561	.0213077	.0005705	.0179143	1.039400	.0017245
#2	1.106395	.1827048	.0188047	.0008441	.0040242	1.112905	.0034835
#3	.935825	.1891740	.0212684	.0007806	.0156941	1.079472	.0025881

Sample Name: J4425-05LX5 Acquired: 8/15/2018 16:38:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA3YR7L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8002287	.0082686	.0153454
Stddev	.0120362	.0009532	.0000977
%RSD	1.504096	11.52783	.6365241

#1	.7871933	.0083810	.0153720
#2	.8025715	.0091606	.0154271
#3	.8109212	.0072642	.0152372

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.361	2485.016	45702.22	5721.175	3418.116
Stddev	8.874	6.511	140.61	55.195	11.863
%RSD	.4623539	.2620105	.3076752	.9647549	.3470654

#1	1914.035	2486.269	45548.65	5731.700	3416.656
#2	1914.442	2490.809	45733.35	5661.475	3430.641
#3	1929.605	2477.969	45824.66	5770.350	3407.050

Sample Name: J4425-09 Acquired: 8/15/2018 16:42:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159345	-.007202	.5730571	.0089216	.0068271	61.78547	.8548881
Stddev	.0036858	.001824	.0036144	.0005790	.0012956	.07443	.0011825
%RSD	23.13114	25.32042	.6307164	6.489616	18.97762	.1204685	.1383224

#1	.0201865	-.005135	.5704246	.0082944	.0075941	61.80929	.8560952
#2	.0139705	-.007885	.5715686	.0094356	.0075560	61.84507	.8537318
#3	.0136466	-.008586	.5771780	.0090349	.0053312	61.70204	.8548375

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042119	.0023572	11.70058	.0457016	.0405736	.1094543	102.7726
Stddev	.0000931	.0001701	.02650	.0007696	.0000344	.0004870	.2832
%RSD	2.210196	7.215172	.2264575	1.684001	.0848819	.4449164	.2755703

#1	.0042456	.0025086	11.72769	.0461891	.0405446	.1100029	102.6999
#2	.0041066	.0021732	11.67474	.0448143	.0406117	.1092867	103.0851
#3	.0042834	.0023897	11.69931	.0461013	.0405645	.1090732	102.5328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.849792	17.45786	.0539311	.0001699	.5786421	.1352185	2.225163
Stddev	.004799	.10266	.0005883	.0001638	.1570535	.0024783	.045744
%RSD	.2594341	.5880349	1.090833	96.46438	27.14174	1.832815	2.055745

#1	1.846356	17.56494	.0542089	.0001944	.6933693	.1379941	2.173895
#2	1.855275	17.36028	.0532554	.0003201	.6429094	.1344339	2.261805
#3	1.847743	17.44837	.0543292	-.000005	.3996477	.1332274	2.239789

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.430239	3.625663	.1171024	.0015960	.9934705	3.806050	.0166532
Stddev	.096181	.028624	.0015703	.0002524	.0003916	.039332	.0004549
%RSD	1.771210	.7894716	1.340929	15.81719	.0394165	1.033400	2.731692

#1	5.518877	3.634818	.1159403	.0018860	.9933826	3.851341	.0169751
#2	5.327970	3.593582	.1188888	.0014772	.9931304	3.786325	.0161328
#3	5.443871	3.648590	.1164782	.0014249	.9938986	3.780485	.0168517

Sample Name: J4425-09 Acquired: 8/15/2018 16:42:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA3YS7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.202288	.0476104	.0644549
Stddev	.008937	.0003667	.0003071
%RSD	.2790776	.7701279	.4763860

#1	3.203886	.0475749	.0641447
#2	3.210319	.0472628	.0647587
#3	3.192660	.0479935	.0644614

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.617	2507.041	46441.71	5858.230	3375.242
Stddev	6.989	7.547	151.74	31.782	11.000
%RSD	.3592082	.3010396	.3267310	.5425229	.3259032

#1	1937.600	2511.050	46357.21	5821.796	3371.187
#2	1950.425	2511.738	46616.88	5872.631	3387.694
#3	1948.826	2498.336	46351.02	5880.262	3366.846

Sample Name: J4425-10 Acquired: 8/15/2018 16:46:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152603	-.011872	.1772572	.0087394	.0029958	71.99137	.6732398
Stddev	.0017050	.002358	.0020289	.0007460	.0005833	.17278	.0009467
%RSD	11.17269	19.86496	1.144604	8.536343	19.47001	.2399961	.1406215

#1	.0134644	-.014518	.1757080	.0095840	.0024676	71.86683	.6742950
#2	.0168569	-.011106	.1765099	.0084639	.0028981	71.91867	.6729593
#3	.0154596	-.009992	.1795538	.0081703	.0036218	72.18862	.6724650

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056858	.0006227	7.959078	.0869883	.0369812	.0497029	116.2679
Stddev	.0000575	.0000964	.022932	.0006355	.0001761	.0022255	.1878
%RSD	1.011062	15.48798	.2881238	.7305071	.4760553	4.477589	.1615005

#1	.0056194	.0005792	7.974897	.0864148	.0371820	.0482677	116.1211
#2	.0057178	.0005556	7.932778	.0876715	.0369084	.0485745	116.4795
#3	.0057201	.0007332	7.969558	.0868787	.0368533	.0522666	116.2031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8573899	14.18231	.0624580	-.000085	1.214544	.1736718	.4943464
Stddev	.0010632	.08059	.0009105	.000456	.053707	.0053263	.0209759
%RSD	.1240018	.5682165	1.457697	537.7297	4.422000	3.066860	4.243151

#1	.8562228	14.10188	.0630848	-.000027	1.272849	.1798183	.5061974
#2	.8583031	14.26305	.0614137	-.000566	1.167093	.1707859	.4701274
#3	.8576438	14.18200	.0628755	.000339	1.203690	.1704113	.5067144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.208308	.9443511	.1266161	.0005413	.5357365	4.804116	.0215392
Stddev	.017554	.0028627	.0014506	.0000916	.0060470	.028992	.0008380
%RSD	.3370348	.3031377	1.145696	16.91689	1.128731	.6034917	3.890581

#1	5.215544	.9421649	.1275718	.0004949	.5392220	4.791841	.0218677
#2	5.188293	.9432972	.1249469	.0004822	.5287540	4.837227	.0221632
#3	5.221087	.9475914	.1273296	.0006468	.5392334	4.783281	.0205867

Sample Name: J4425-10 Acquired: 8/15/2018 16:46:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YS9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.897687	.0530973	.0678740
Stddev	.011006	.0009457	.0000608
%RSD	.2823805	1.781052	.0895852

#1	3.893175	.0522236	.0678062
#2	3.889655	.0541015	.0679239
#3	3.910233	.0529669	.0678916

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2275.208	2917.602	54392.46	6794.450	3388.276
Stddev	14.096	14.644	99.94	17.185	19.578
%RSD	.6195370	.5019260	.1837321	.2529205	.5778167

#1	2264.397	2916.907	54351.53	6814.224	3387.075
#2	2270.076	2932.582	54319.49	6785.985	3408.428
#3	2291.151	2903.318	54506.37	6783.139	3369.327

Sample Name: J4425-11 Acquired: 8/15/2018 16:50:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3Z58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031407	-.007500	1.192715	.0036159	.0044930	39.06749	.5644394
Stddev	.0004934	.002153	.001754	.0013904	.0008112	.14123	.0019758
%RSD	15.70953	28.70388	.1470551	38.45267	18.05424	.3615004	.3500380

#1	.0025837	-.009543	1.190692	.0032069	.0035847	38.90817	.5640574
#2	.0035228	-.005252	1.193646	.0024759	.0047489	39.17729	.5665783
#3	.0033155	-.007703	1.193807	.0051650	.0051453	39.11702	.5626826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032967	.0019215	6.592485	.0327463	.0316442	.0636853	63.53374
Stddev	.0000503	.0001058	.031977	.0000928	.0003095	.0082339	.32962
%RSD	1.526912	5.508077	.4850487	.2833098	.9780591	12.92906	.5188158

#1	.0032557	.0018968	6.565281	.0327843	.0318580	.0574275	63.27918
#2	.0033529	.0020375	6.627708	.0326405	.0317852	.0730132	63.90607
#3	.0032815	.0018302	6.584467	.0328140	.0312893	.0606152	63.41597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.088997	11.93920	.0466289	-.000300	.3430806	.0766520	3.422190
Stddev	.005643	.04479	.0003713	.000412	.2963593	.0044820	.066073
%RSD	.5181849	.3751352	.7962159	137.0306	86.38181	5.847181	1.930725

#1	1.082641	11.89135	.0466376	-.000348	.6781064	.0715016	3.484145
#2	1.093419	11.94611	.0469958	.000133	.1151764	.0796670	3.429773
#3	1.090932	11.98013	.0462534	-.000686	.2359591	.0787874	3.352653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.455497	2.855244	.0683624	.0004117	.3348622	3.043556	.0061570
Stddev	.110563	.014540	.0007848	.0001129	.0064779	.053067	.0010744
%RSD	3.199616	.5092293	1.148035	27.42189	1.934483	1.743575	17.44941

#1	3.372812	2.842003	.0682543	.0004778	.3327213	3.021877	.0073933
#2	3.412599	2.870804	.0676373	.0004758	.3297258	3.104030	.0056276
#3	3.581080	2.852925	.0691957	.0002813	.3421395	3.004761	.0054501

Sample Name: J4425-11 Acquired: 8/15/2018 16:50:51 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA3Z58 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.111825	.0393952	.0370503
Stddev	.019609	.0015731	.0000935
%RSD	.9285481	3.993223	.2523256

#1	2.106751	.0404778	.0369511
#2	2.133473	.0401171	.0371367
#3	2.095252	.0375907	.0370632

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.871	2562.176	47336.58	5913.720	3493.678
Stddev	3.134	4.551	75.50	39.270	3.024
%RSD	.1581512	.1776342	.1595055	.6640472	.0865542

#1	1985.483	2557.818	47378.31	5959.064	3497.119
#2	1979.870	2561.812	47382.02	5891.366	3491.443
#3	1980.259	2566.899	47249.43	5890.731	3492.473

Sample Name: J4425-12 Acquired: 8/15/2018 16:54:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3Z60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141126	-.007304	.5527597	.0106347	.0092248	58.09103	.7709842
Stddev	.0002781	.002049	.0011675	.0044118	.0017753	.16797	.0011331
%RSD	1.970553	28.04846	.2112168	41.48462	19.24463	.2891575	.1469708

#1	.0139702	-.006732	.5528620	.0156568	.0098793	58.09058	.7710548
#2	.0139345	-.005602	.5515443	.0088639	.0105799	58.25922	.7720804
#3	.0144330	-.009578	.5538726	.0073835	.0072152	57.92328	.7698174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045440	.0027569	10.62364	.0477800	.0460215	.1032289	157.0835
Stddev	.0000627	.0000904	.12327	.0002830	.0003151	.0017485	.2454
%RSD	1.379536	3.278579	1.160296	.5922871	.6846126	1.693840	.1562486

#1	.0045712	.0027193	10.57157	.0476623	.0461973	.1028933	157.1211
#2	.0045886	.0026914	10.76440	.0481029	.0456578	.1051208	157.3080
#3	.0044724	.0028600	10.53496	.0475749	.0462094	.1016724	156.8214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.693468	14.89659	.0578832	.0007681	.6874917	.1256117	3.185319
Stddev	.001000	.05670	.0001889	.0004597	.1110572	.0044043	.039252
%RSD	.0590348	.3806294	.3263116	59.84683	16.15398	3.506242	1.232270

#1	1.693390	14.93972	.0580790	.0012218	.7184303	.1228270	3.228014
#2	1.692510	14.83236	.0577021	.0007798	.7797991	.1306893	3.150798
#3	1.694505	14.91767	.0578687	.0003027	.5642457	.1233188	3.177144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.169941	3.982321	.1744695	.0015522	.9831730	3.602285	.0200743
Stddev	.066369	.005997	.0023464	.0002439	.0138389	.034410	.0012699
%RSD	1.591613	.1505910	1.344878	15.71165	1.407570	.9552305	6.325995

#1	4.156562	3.979002	.1771521	.0016966	.9960892	3.563064	.0189976
#2	4.241981	3.978717	.1734572	.0012706	.9685668	3.627404	.0214747
#3	4.111281	3.989243	.1727991	.0016893	.9848630	3.616386	.0197504

Sample Name: J4425-12 Acquired: 8/15/2018 16:54:55 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA3Z60 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.793228	.0394645	.0638304
Stddev	.004832	.0012602	.0002770
%RSD	.1729820	3.193115	.4340213

#1	2.788474	.0405944	.0637483
#2	2.798134	.0381056	.0641392
#3	2.793075	.0396936	.0636037

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.624	2511.337	46565.78	5856.977	3417.832
Stddev	7.671	7.929	84.85	17.613	10.199
%RSD	.3912319	.3157259	.1822238	.3007150	.2984121

#1	1958.084	2517.790	46499.92	5874.226	3424.970
#2	1969.242	2513.736	46661.54	5839.022	3422.375
#3	1954.545	2502.486	46535.89	5857.684	3406.150

Sample Name: J4425-13 Acquired: 8/15/2018 16:58:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3Z61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120911	-.007078	.4033552	.0052294	.0040007	39.83870	.5979807
Stddev	.0024124	.001622	.0023989	.0015689	.0014605	.10998	.0002461
%RSD	19.95220	22.91592	.5947276	30.00147	36.50487	.2760548	.0411539

#1	.0094241	-.007560	.4015533	.0067928	.0023198	39.74908	.5982628
#2	.0127279	-.005270	.4024341	.0036550	.0049583	39.96142	.5978688
#3	.0141212	-.008404	.4060781	.0052404	.0047240	39.80559	.5978104

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043861	.0015445	7.321069	.0706281	.0361191	.2207123	76.87027
Stddev	.0000778	.0001297	.003367	.0003288	.0003486	.0017624	.13846
%RSD	1.773113	8.398201	.0459973	.4654825	.9651082	.7984861	.1801231

#1	.0044563	.0014516	7.319051	.0709499	.0360183	.2186792	76.71209
#2	.0043996	.0014891	7.319200	.0702928	.0358321	.2216520	76.96951
#3	.0043025	.0016927	7.324957	.0706416	.0365070	.2218056	76.92922

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8953040	15.87384	.3440831	.0005812	.8447452	.1118487	2.294164
Stddev	.0054015	.08828	.0015244	.0002510	.3462989	.0065639	.020673
%RSD	.6033179	.5561352	.4430264	43.17680	40.99448	5.868566	.9010985

#1	.9014997	15.77544	.3424616	.0008708	1.042868	.1043487	2.278319
#2	.8928274	15.94608	.3443008	.0004465	.444879	.1165457	2.317548
#3	.8915848	15.90001	.3454869	.0004264	1.046489	.1146518	2.286626

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.603778	2.508669	.0830041	.0028321	11.08986	3.454819	.0123786
Stddev	.045002	.014897	.0014122	.0001875	.04371	.024283	.0011165
%RSD	.8030578	.5938019	1.701375	6.619796	.3941182	.7028709	9.019698

#1	5.643531	2.493200	.0829607	.0027886	11.06437	3.474836	.0119362
#2	5.554920	2.509890	.0844376	.0030375	11.06487	3.461816	.0115511
#3	5.612883	2.522918	.0816142	.0026702	11.14032	3.427806	.0136485

Sample Name: J4425-13 Acquired: 8/15/2018 16:58:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3Z61 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.193383	.0424089	.0489872
Stddev	.015226	.0016065	.0003221
%RSD	.4767984	3.788192	.6574971

#1	3.181503	.0429471	.0486169
#2	3.210547	.0436771	.0492024
#3	3.188099	.0406023	.0491422

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.440	2543.528	47052.88	5891.203	3375.220
Stddev	3.844	6.690	153.78	14.161	8.840
%RSD	.1954917	.2630204	.3268249	.2403747	.2619139

#1	1970.842	2549.361	47227.14	5903.177	3383.253
#2	1963.741	2544.996	46936.20	5875.573	3376.658
#3	1964.738	2536.225	46995.29	5894.860	3365.749

Sample Name: J4425-14 Acquired: 8/15/2018 17:03:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3Z63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0728210	-.007857	1.127091	.0106261	.0106828	101.6631	.5743845
Stddev	.0027960	.002319	.007439	.0024305	.0026928	.1877	.0003292
%RSD	3.839595	29.51256	.6600312	22.87344	25.20682	.1846431	.0573165

#1	.0740751	-.010257	1.121989	.0105356	.0133580	101.7468	.5740847
#2	.0747704	-.007684	1.123658	.0131006	.0079727	101.7943	.5743318
#3	.0696175	-.005629	1.135627	.0082420	.0107179	101.4480	.5747368

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049474	.0262468	10.29498	.0986821	.0356198	.0998794	113.3664
Stddev	.0001081	.0002101	.03946	.0005897	.0002809	.0009110	.1928
%RSD	2.185353	.8003979	.3833162	.5976122	.7887179	.9120502	.1700608

#1	.0048565	.0262273	10.34006	.0993602	.0354761	.0991134	113.3510
#2	.0049187	.0260472	10.26666	.0982896	.0354398	.1008867	113.1817
#3	.0050670	.0264659	10.27823	.0983964	.0359435	.0996381	113.5664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9399479	14.87378	.0727666	.0003748	.6691318	.1802025	28.91508
Stddev	.0036859	.10838	.0006456	.0002692	.2354838	.0034047	.17529
%RSD	.3921389	.7286865	.8872199	71.82366	35.19245	1.889364	.6062392

#1	.9360153	14.80654	.0725848	.0001636	.6840421	.1814768	28.78622
#2	.9405045	14.81600	.0722314	.0006779	.8968061	.1763445	28.84434
#3	.9433238	14.99881	.0734836	.0002829	.4265470	.1827863	29.11470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.332755	3.184575	.1323832	.0019058	1.272626	6.118576	.0221376
Stddev	.018712	.028062	.0005115	.0001926	.015517	.084339	.0006279
%RSD	.8021414	.8811918	.3863637	10.10786	1.219320	1.378407	2.836487

#1	2.347703	3.171746	.1318132	.0020830	1.263720	6.203877	.0226486
#2	2.311770	3.165221	.1325344	.0017007	1.263614	6.035233	.0214366
#3	2.338792	3.216759	.1328021	.0019336	1.290544	6.116617	.0223277

Sample Name: J4425-14 Acquired: 8/15/2018 17:03:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MA3Z63 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.461744	.0988374	.0812027
Stddev	.014171	.0018853	.0002080
%RSD	.2594601	1.907447	.2561309

#1	5.453639	.1008429	.0814322
#2	5.478106	.0985680	.0810266
#3	5.453485	.0971013	.0811493

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.918	2516.172	46817.73	5906.208	3373.260
Stddev	14.376	11.638	214.21	24.845	15.641
%RSD	.7338782	.4625134	.4575353	.4206522	.4636649

#1	1960.961	2522.541	46904.69	5884.262	3374.815
#2	1972.164	2523.235	46974.78	5933.182	3388.066
#3	1943.630	2502.740	46573.71	5901.179	3356.901

Sample Name: J4425-15 Acquired: 8/15/2018 17:07:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069650	-.006230	.4475566	.0052440	.0046113	64.93799	.1607558
Stddev	.0026767	.001826	.0034945	.0038963	.0021378	.41764	.0014204
%RSD	38.43139	29.31086	.7807903	74.29995	46.36069	.6431291	.8835507

#1	.0087915	-.007936	.4503602	.0090870	.0028171	65.42016	.1623958
#2	.0038924	-.006452	.4436416	.0053485	.0069767	64.70425	.1599228
#3	.0082111	-.004304	.4486681	.0012965	.0040400	64.68957	.1599487

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025238	-.000238	18.73984	.0505241	.0123504	.0391775	34.19532
Stddev	.0000300	.000052	.05885	.0008803	.0000716	.0055931	.21483
%RSD	1.186865	21.68569	.3140407	1.742309	.5797732	14.27625	.6282510

#1	.0025090	-.000193	18.80697	.0500786	.0122678	.0445028	34.31545
#2	.0025583	-.000226	18.69714	.0499557	.0123917	.0333505	33.94730
#3	.0025042	-.000294	18.71540	.0515381	.0123919	.0396792	34.32323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3971165	10.05616	.0324488	-.000211	.2379401	.0667456	.1571123
Stddev	.0046398	.11019	.0002786	.000307	.0506535	.0025129	.0043528
%RSD	1.168367	1.095757	.8584652	144.9832	21.28834	3.764957	2.770518

#1	.4007904	10.17758	.0323022	.000120	.2651375	.0696315	.1620854
#2	.3919025	9.96251	.0322741	-.000485	.2691856	.0655639	.1552566
#3	.3986566	10.02840	.0327700	-.000270	.1794972	.0650413	.1539949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.709825	2.169864	.0402490	.0005860	5.735328	5.916695	.0056796
Stddev	.021560	.011675	.0010606	.0000328	.030197	.039287	.0014770
%RSD	1.260925	.5380718	2.635204	5.589450	.5265030	.6640095	26.00461

#1	1.721569	2.157263	.0406994	.0006044	5.700635	5.922652	.0059787
#2	1.684943	2.172015	.0390375	.0005482	5.749650	5.952664	.0040760
#3	1.722962	2.180315	.0410101	.0006054	5.755698	5.874769	.0069841

Sample Name: J4425-15 Acquired: 8/15/2018 17:07:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YS4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.115023	.0304265	.0865572
Stddev	.012929	.0016446	.0003474
%RSD	.6113122	5.405137	.4013119

#1	2.128263	.0287554	.0868748
#2	2.102428	.0320433	.0861862
#3	2.114378	.0304807	.0866106

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.761	2476.401	45977.55	5757.332	3383.845
Stddev	12.311	6.167	186.57	40.811	8.443
%RSD	.6369653	.2490345	.4057887	.7088523	.2495036

#1	1932.923	2478.244	45791.06	5710.226	3386.541
#2	1920.371	2481.436	45977.38	5782.029	3390.610
#3	1944.991	2469.522	46164.20	5779.740	3374.383

Sample Name: J4425-07 Acquired: 8/15/2018 17:11:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YR7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0924559	.1051191	.1262104	.0996492	.2039130	65.96763	4.804352
Stddev	.0040802	.0000613	.0016071	.0015076	.0007698	.12626	.019062
%RSD	4.413167	.0582904	1.273352	1.512858	.3774883	.1913923	.3967670

#1	.0927407	.1050578	.1252980	.1005807	.2046106	65.82984	4.782972
#2	.0882407	.1051803	.1252672	.0979099	.2030872	65.99529	4.819573
#3	.0963862	.1051193	.1280661	.1004570	.2040414	66.07776	4.810512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1115471	.1297764	4.497019	.5103568	1.332140	.5575446	85.61663
Stddev	.0007179	.0001588	.017864	.0015527	.002406	.0029521	.40747
%RSD	.6435817	.1223220	.3972469	.3042422	.1806040	.5294854	.4759221

#1	.1110382	.1298948	4.487193	.5118644	1.333182	.5544382	85.14662
#2	.1112349	.1295960	4.486224	.5104433	1.329389	.5578822	85.83281
#3	.1123682	.1298385	4.517639	.5087626	1.333849	.5603134	85.87044

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.916579	14.24541	1.378667	.0999574	.8585484	1.282613	1.208923
Stddev	.011357	.01979	.002169	.0007196	.2450304	.005646	.022357
%RSD	.5925683	.1389275	.1573603	.7199455	28.54008	.4401633	1.849291

#1	1.903498	14.24159	1.378805	.0991452	.8400775	1.276811	1.183275
#2	1.922316	14.22780	1.376432	.1002110	1.112292	1.282942	1.219204
#3	1.923923	14.26683	1.380764	.1005158	.623276	1.288088	1.224289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.473227	.8680889	.0926431	.0027831	.1502990	4.485043	.0103424
Stddev	.053365	.0085802	.0017427	.0003436	.0032199	.038236	.0002126
%RSD	1.192991	.9883963	1.881120	12.34541	2.142308	.8525147	2.055841

#1	4.501637	.8715840	.0908267	.0030903	.1479254	4.465067	.0102658
#2	4.506376	.8583129	.0943014	.0024120	.1490075	4.460933	.0101787
#3	4.411667	.8743700	.0928011	.0028469	.1539641	4.529129	.0105827

Sample Name: J4425-07 Acquired: 8/15/2018 17:11:07 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MA3YR7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.313953	.0492937	.0643064
Stddev	.014811	.0013564	.0003221
%RSD	.4469366	2.751597	.5009227

#1	3.297727	.0503960	.0639648
#2	3.317384	.0497062	.0646047
#3	3.326748	.0477790	.0643497

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2197.154	2821.710	52481.57	6559.728	3357.626
Stddev	30.060	5.077	378.21	17.262	4.278
%RSD	1.368147	.1799403	.7206437	.2631439	.1274021

#1	2231.840	2815.886	52867.81	6574.426	3352.805
#2	2178.675	2825.206	52111.94	6540.720	3360.967
#3	2180.947	2824.039	52464.95	6564.037	3359.107

Sample Name: CCV094 Acquired: 8/15/2018 17:15:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.808977	4.854829	24.40516	4.684944	4.809613	404.5201	9.950152
Stddev	.016220	.018985	.05375	.024021	.024052	.8637	.014953
%RSD	.3372838	.3910497	.2202426	.5127348	.5000784	.2135086	.1502772

#1	4.821174	4.875412	24.39031	4.696157	4.819380	404.9871	9.943332
#2	4.790570	4.851072	24.36039	4.657366	4.782214	405.0497	9.967299
#3	4.815188	4.838004	24.46477	4.701308	4.827245	403.5235	9.939826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4901274	2.463782	410.1614	15.32519	2.484291	15.04888	417.4604
Stddev	.0021124	.005482	.6687	.01573	.006785	.04688	1.0704
%RSD	.4309940	.2225105	.1630235	.1026176	.2731126	.3115152	.2563964

#1	.4923106	2.461145	410.1615	15.31389	2.482412	15.03568	417.6481
#2	.4899781	2.460117	410.8300	15.31853	2.478643	15.10095	418.4244
#3	.4880937	2.470085	409.4927	15.34315	2.491817	15.01002	416.3086

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76896	408.8500	2.500583	1.237843	399.8441	2.472739	14.64778
Stddev	.04902	1.1035	.005873	.006833	1.3346	.009357	.11494
%RSD	.3319231	.2699016	.2348571	.5519908	.3337756	.3783907	.7846717

#1	14.76588	408.6893	2.498337	1.238295	398.3247	2.467664	14.65794
#2	14.81946	410.0251	2.496164	1.230795	400.3806	2.467016	14.52811
#3	14.72156	407.8357	2.507247	1.244438	400.8270	2.483536	14.75731

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.4015	5.166939	5.089909	4.813831	5.033195	4.782990	5.014678
Stddev	.3524	.011539	.023509	.014837	.028175	.015921	.015084
%RSD	.2327581	.2233285	.4618705	.3082184	.5597738	.3328612	.3008050

#1	151.5548	5.177065	5.115559	4.815551	5.063496	4.801292	5.023399
#2	151.6513	5.154376	5.084780	4.798209	5.007788	4.772336	4.997260
#3	150.9984	5.169375	5.069388	4.827734	5.028301	4.775343	5.023375

Sample Name: CCV094 Acquired: 8/15/2018 17:15:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCV094 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.923344	5.032351	4.976152
Stddev	.011700	.006953	.013471
%RSD	.2376414	.1381754	.2707115

#1	4.935113	5.034683	4.980448
#2	4.923205	5.037838	4.986950
#3	4.911715	5.024531	4.961056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1613.799	2049.344	40111.58	5210.278	2789.450
Stddev	9.429	6.488	161.32	25.766	7.282
%RSD	.5842546	.3165864	.4021825	.4945195	.2610445

#1	1619.023	2053.920	40215.78	5194.289	2794.489
#2	1619.460	2052.193	40193.20	5196.543	2792.760
#3	1602.915	2041.919	39925.76	5240.001	2781.101

Sample Name: CCB094 Acquired: 8/15/2018 17:18:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020458	-.002898	.0029660	-.000217	.0014137	.0107924
Stddev	.0022422	.004047	.0012035	.000586	.0008614	.0135004
%RSD	109.5987	139.6495	40.57686	269.6783	60.93398	125.0920

#1	-.000322	-.005358	.0037858	.000458	.0012078	.0259905
#2	.002322	.001773	.0035278	-.000592	.0006738	.0001893
#3	.004137	-.005109	.0015843	-.000517	.0023594	.0061974

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000213	-.000151	-.000038	.0265900	.0001517	-.000049
Stddev	.000708	.000054	.000093	.0078860	.0003870	.000181
%RSD	332.9393	35.63004	243.8692	29.65778	255.1245	368.5141

#1	-.000180	-.000144	.000062	.0252728	.0005676	.000043
#2	-.000936	-.000101	-.000053	.0350516	.0000852	-.000258
#3	.000478	-.000208	-.000123	.0194455	-.000198	.000068

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055357	.0085898	.0002216	-.016412	-.000897	-.000210
Stddev	.0031397	.0043855	.0003402	.038513	.000350	.000289
%RSD	56.71787	51.05454	153.5167	234.6614	39.02692	137.9422

#1	.0037633	.0115770	-.000084	-.037106	-.001133	.000028
#2	.0036828	.0035550	.000161	-.040154	-.001065	-.000126
#3	.0091608	.0106373	.000588	.028024	-.000495	-.000532

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.092472	-.002361	-.010441	.0156769	-.000955	F .0100147
Stddev	.310631	.003072	.011576	.0519932	.000941	.0007538
%RSD	335.9189	130.1324	110.8690	331.6551	98.45164	7.526629

#1	.042068	-.002769	-.021200	.0749289	-.002027	.0108596
#2	.128210	-.005208	.001808	-.022327	-.000575	.0097730
#3	-.447694	.000895	-.011931	-.005572	-.000264	.0094114

Sample Name: CCB094 Acquired: 8/15/2018 17:18:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v626) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000289	-.020638	.0046251	.0009772	-.003025	-.003995
Stddev	.000334	.002990	.0005110	.0011236	.001191	.000528
%RSD	115.5282	14.48908	11.04858	114.9807	39.38634	13.22518

#1	-.000147	-.024074	.0048254	.0007915	-.004329	-.004360
#2	-.000049	-.019219	.0050056	.0021821	-.001995	-.003389
#3	-.000670	-.018622	.0040443	-.000042	-.002750	-.004236

Elem	Sr4077
Units	ppm
Avg	.0000203
Stddev	.0000326
%RSD	160.4849

#1	-.000013
#2	.000053
#3	.000021

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.047	2352.729	43009.35	5340.292	3363.630
Stddev	11.815	10.289	300.51	6.365	11.167
%RSD	.6463235	.4373366	.6987092	.1191893	.3320028

#1	1839.685	2358.513	43126.57	5333.300	3369.738
#2	1816.062	2358.824	42667.90	5345.750	3370.412
#3	1828.393	2340.849	43233.58	5341.825	3350.741