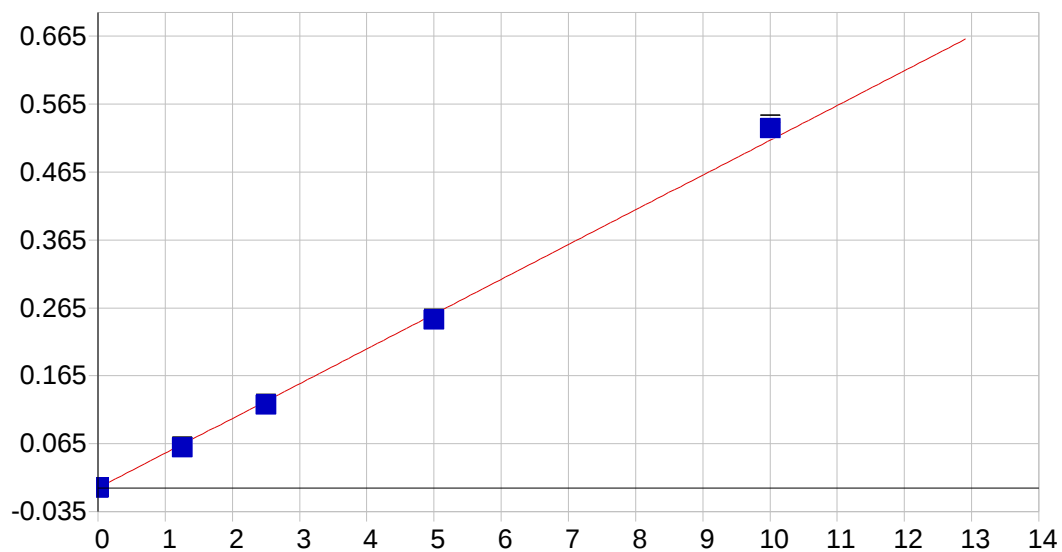


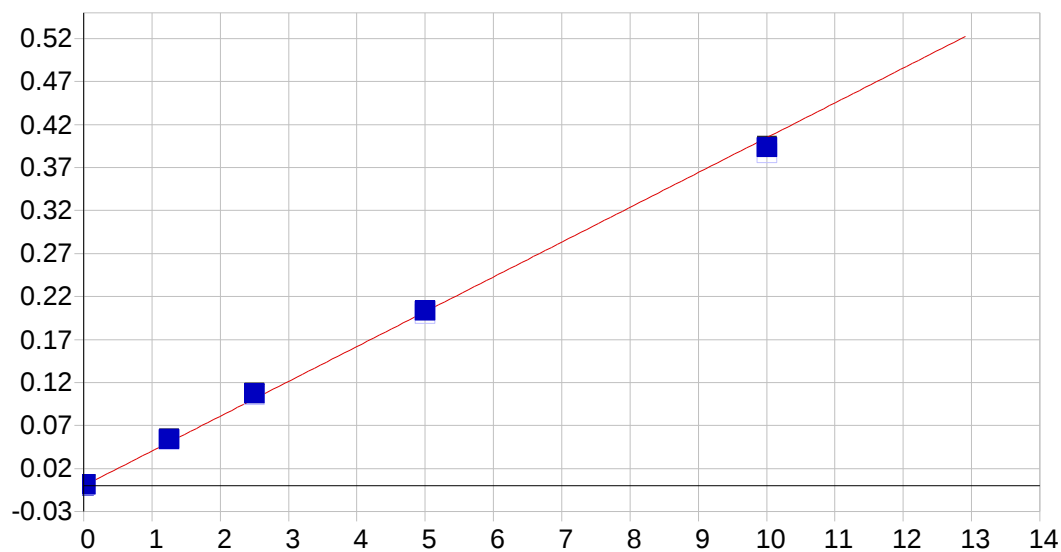


As 189.042 {479}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000168 Re-Slope: 1.000000
 A1 (Gain): 0.051199 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999314 Status: OK.
 Std Error of Est: 0.000032
 Predicted MDL: 0.004377
 Predicted MQL: 0.014590

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00017	.000	1
S1	.01000	.00996	.000	-.403	.00034	.000	1
S2	1.2500	1.1704	-.080	-6.37	.05973	.000	1
S3	2.5000	2.3954	-.105	-4.19	.12244	.001	1
S4	5.0000	4.8452	-.155	-3.10	.24783	.001	1
S5	10.000	10.339	.339	3.39	.52904	.005	1

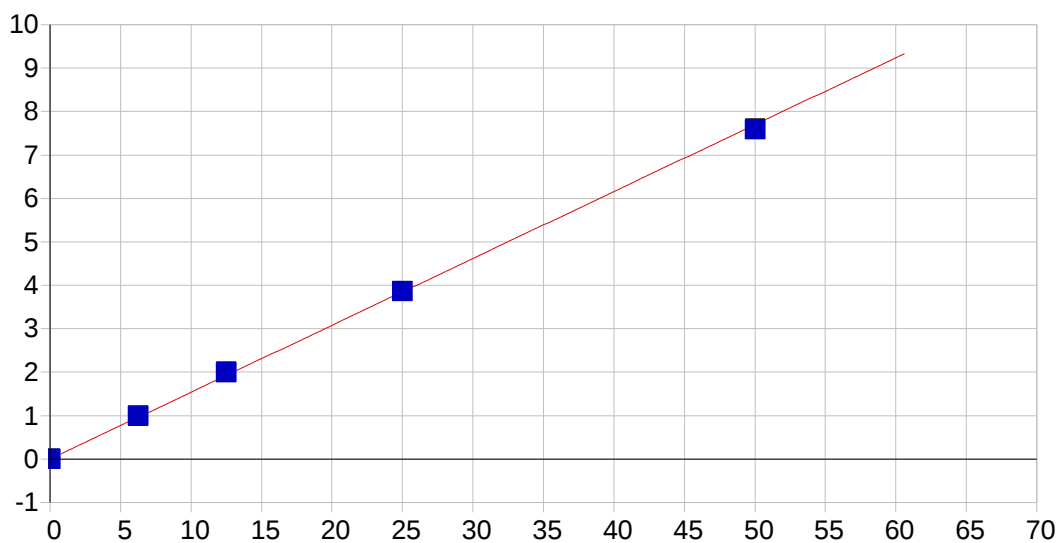


TI 190.856 {477}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000276 Re-Slope: 1.000000
 A1 (Gain): 0.040504 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999315 Status: OK.
 Std Error of Est: 0.000039
 Predicted MDL: 0.002887
 Predicted MQL: 0.009622

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00028	.000	1
S1	.02500	.03217	.007	28.7	.00094	.000	1
S2	1.2500	1.3431	.093	7.45	.05321	.000	1
S3	2.5000	2.6452	.145	5.81	.10503	.001	1
S4	5.0000	5.0245	.024	.489	.19955	.001	1
S5	10.000	9.7305	-.269	-2.69	.38649	.001	1

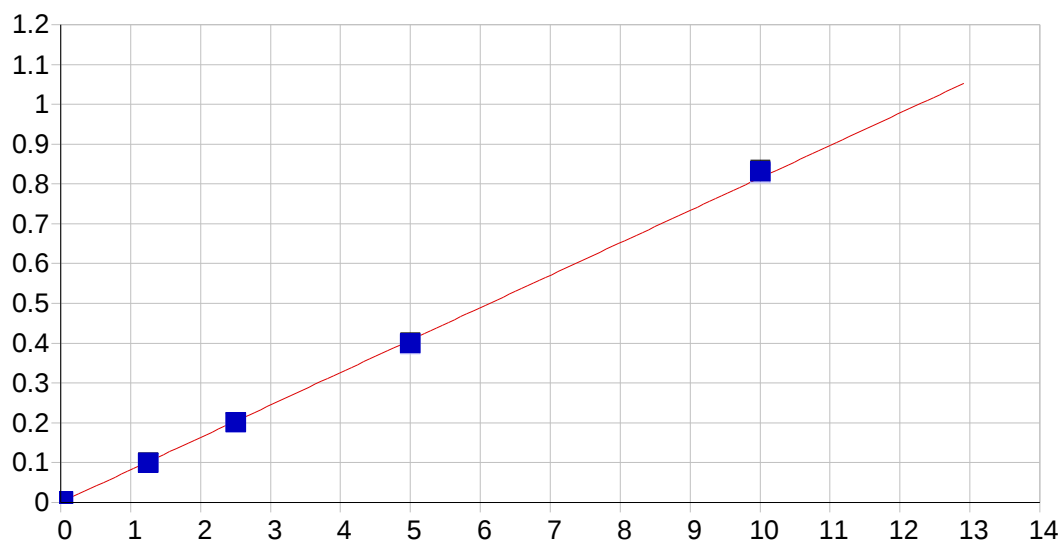


Pb 220.353 {453}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000089 Re-Slope: 1.000000
 A1 (Gain): 0.153953 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999824 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.001797
 Predicted MQL: 0.005989

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01000	.00974	.000	-2.64	.00159	.000	1
S2	6.2500	6.4275	.178	2.84	.98991	.001	1
S3	12.500	12.966	.466	3.73	1.9968	.005	1
S4	25.000	25.076	.076	.303	3.8617	.006	1
S5	50.000	49.281	-.719	-1.44	7.5893	.015	1

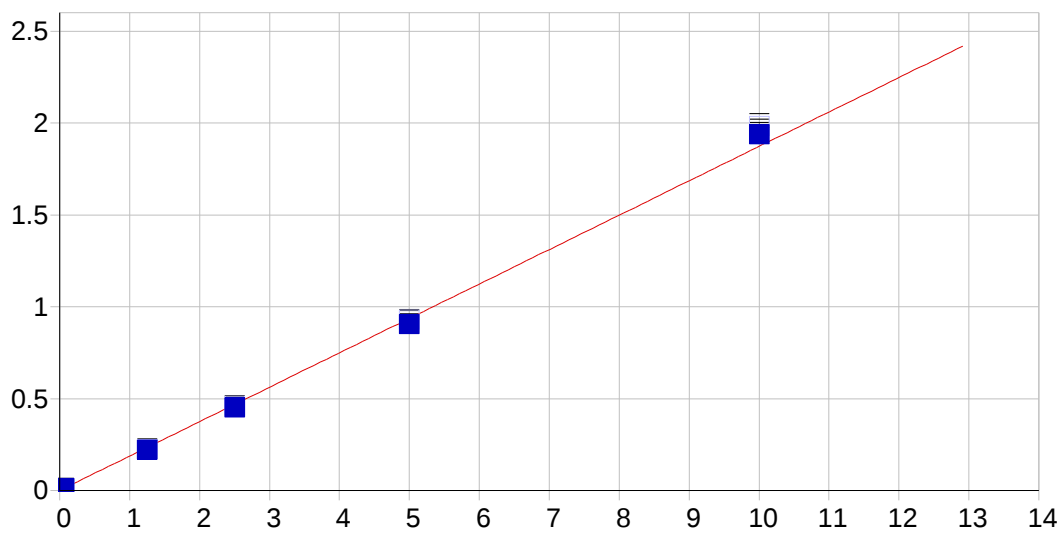


Se 196.090 {472}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000379 Re-Slope: 1.000000
 A1 (Gain): 0.081473 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999797 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.003376
 Predicted MQL: 0.011252

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.03500	.03717	.002	6.20	.00341	.000	1
S2	1.2500	1.2157	-.034	-2.74	.09905	.000	1
S3	2.5000	2.4570	-.043	-1.72	.19980	.000	1
S4	5.0000	4.8911	-.109	-2.18	.39737	.002	1
S5	10.000	10.184	.184	1.84	.82708	.004	1



Sb 206.833 {463}

Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000273

Re-Slope: 1.000000

A1 (Gain): 0.187225

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999338

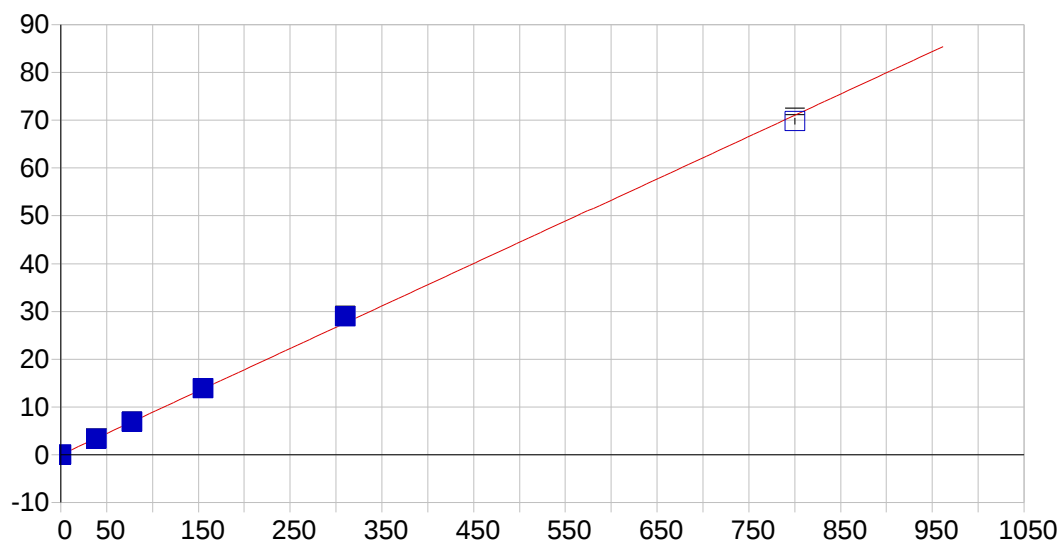
Status: OK.

Std Error of Est: 0.000287

Predicted MDL: 0.001585

Predicted MQL: 0.005284

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00027	.000	1
S1	.06000	.05897	-.001	-1.72	.01131	.000	1
S2	1.2500	1.1712	-.079	-6.30	.22518	.001	1
S3	2.5000	2.3999	-.100	-4.01	.46084	.001	1
S4	5.0000	4.8365	-.163	-3.27	.92830	.002	1
S5	10.000	10.343	.343	3.43	1.9818	.014	1



AI 396.152 { 85}

Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000069

Re-Slope: 1.000000

A1 (Gain): 0.088835

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999595

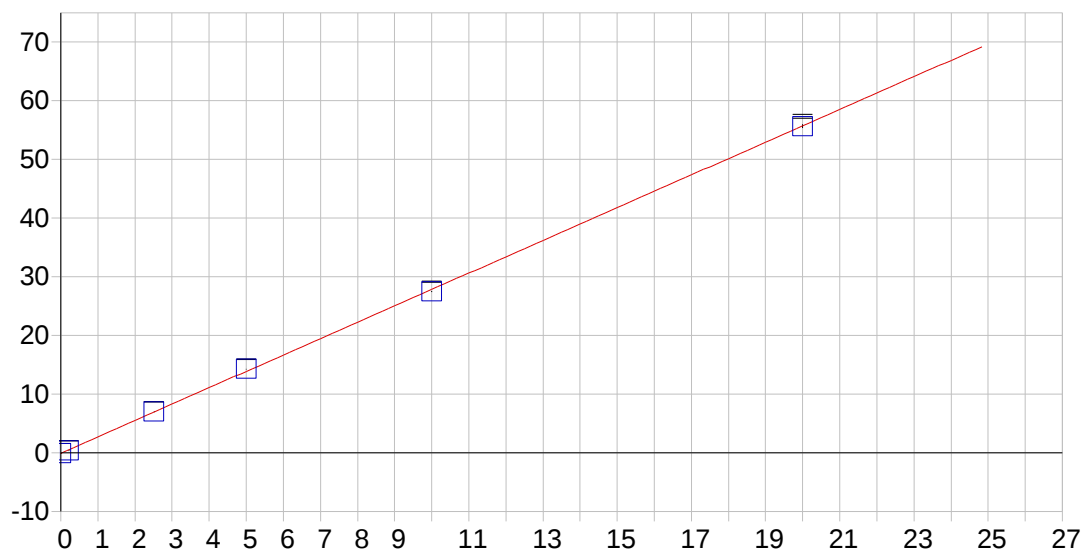
Status: OK.

Std Error of Est: 0.001574

Predicted MDL: 0.004184

Predicted MQL: 0.013946

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00007	.000	1
S1	.20000	.19310	-.007	-3.45	.01726	.000	1
S2	38.750	37.464	-1.29	-3.32	3.3323	.007	1
S3	77.500	76.823	-.677	-.873	6.8329	.022	1
S4	155.00	155.91	.908	.586	13.867	.037	1
S5	310.00	325.73	15.7	5.07	28.969	.015	1
S6	800.00	785.31	-14.7	-1.84	69.764	.668	1

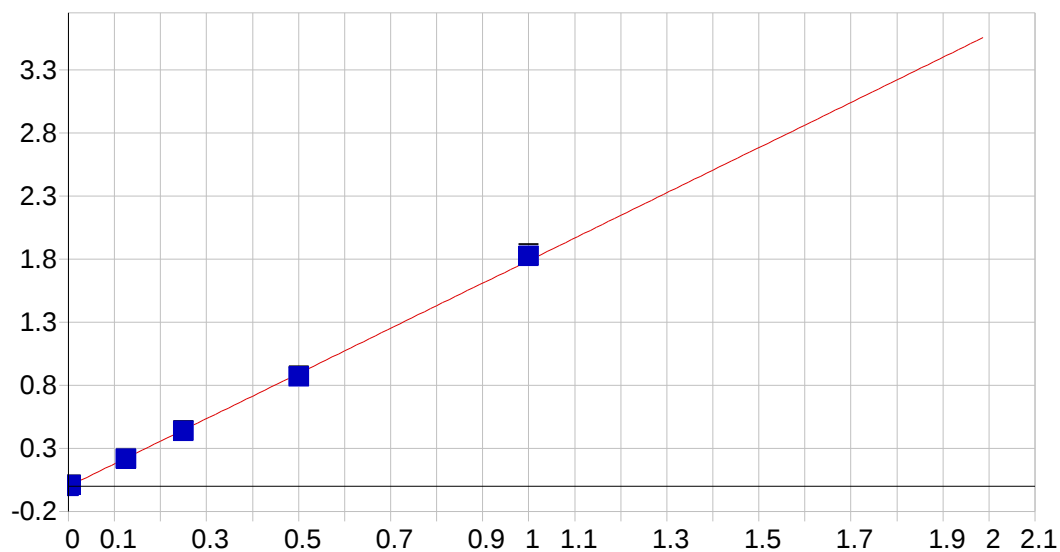


Ba 493.409 { 68}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.064784 Re-Slope: 1.000000
 A1 (Gain): 2.790526 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.005091
 Predicted MDL: 0.000437
 Predicted MQL: 0.001455

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.06471	.001	1
S1	.20000	.16892	-.031	-15.5	.40660	.003	1
S2	2.5000	2.5461	.046	1.84	7.0402	.008	1
S3	5.0000	5.1372	.137	2.74	14.271	.040	1
S4	10.000	9.8722	-.128	-1.28	27.484	.126	1
S5	20.000	19.976	-.024	-.122	55.678	.309	1

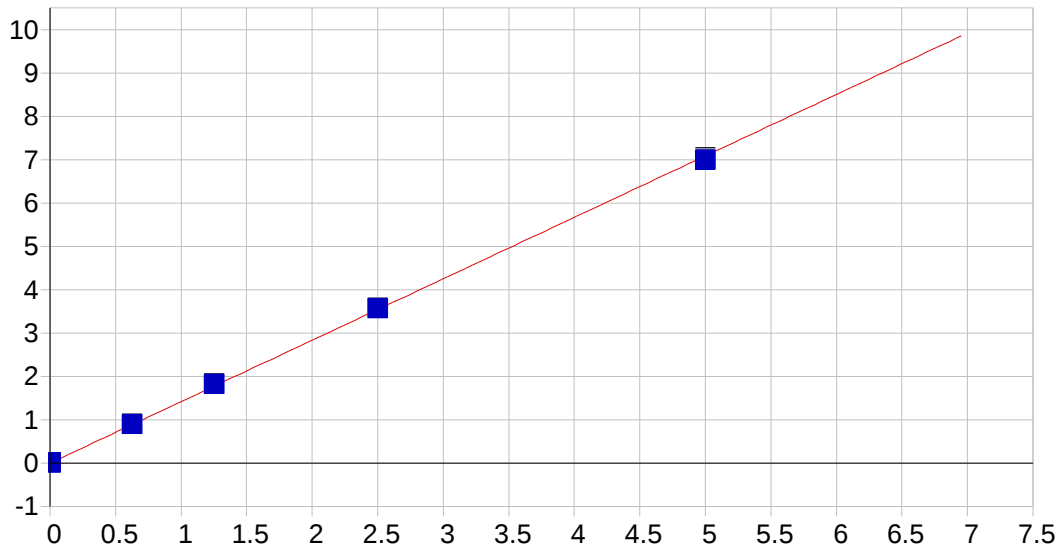


Be 234.861 {144}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001129 Re-Slope: 1.000000
 A1 (Gain): 1.788817 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999694 Status: OK.
 Std Error of Est: 0.000165
 Predicted MDL: 0.000101
 Predicted MQL: 0.000336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00113	.000	1
S1	.00500	.00591	.001	18.2	.00943	.000	1
S2	.12500	.12200	-.003	-2.40	.21636	.003	1
S3	.25000	.24533	-.005	-1.87	.43622	.003	1
S4	.50000	.48606	-.014	-2.79	.86533	.007	1
S5	1.0000	1.0207	.021	2.07	1.8187	.017	1



Cd 214.438 {457}

Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000162

Re-Slope: 1.000000

A1 (Gain): 1.417116

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999898

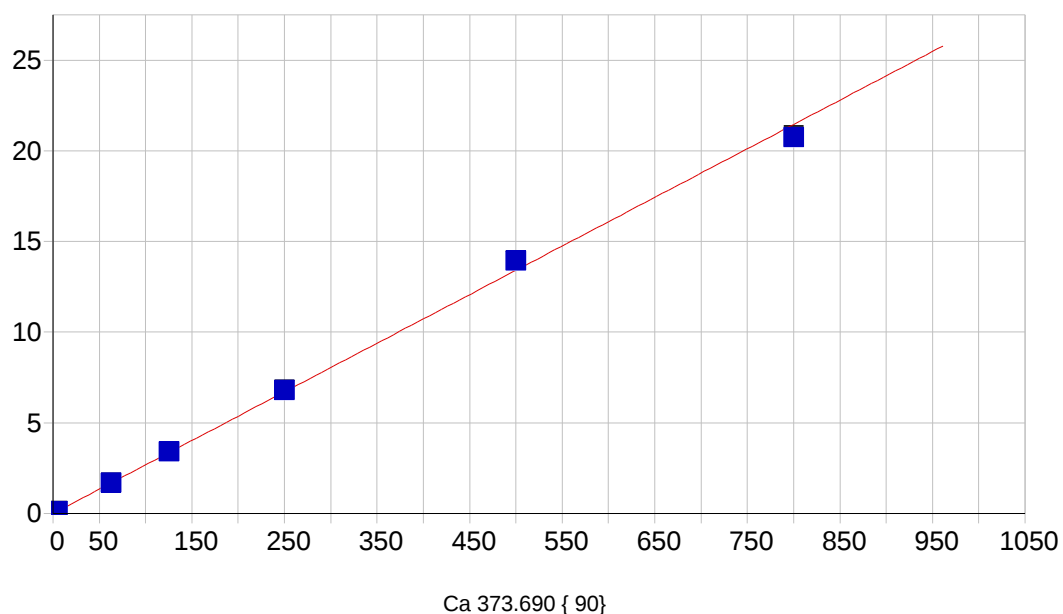
Status: OK.

Std Error of Est: 0.000170

Predicted MDL: 0.000140

Predicted MQL: 0.000466

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00016	.000	1
S1	.00500	.00547	.000	9.44	.00760	.000	1
S2	.62500	.63220	.007	1.15	.89782	.001	1
S3	1.2500	1.2854	.035	2.83	1.8255	.006	1
S4	2.5000	2.5161	.016	.642	3.5737	.009	1
S5	5.0000	4.9409	-.059	-1.18	7.0183	.027	1



Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.001045

Re-Slope: 1.000000

A1 (Gain): 0.026818

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999514

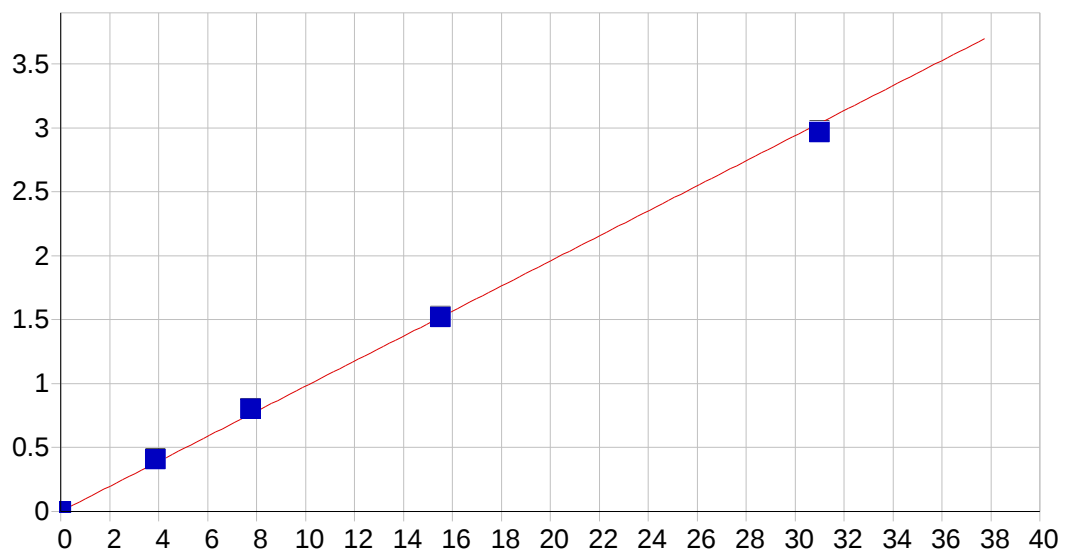
Status: OK.

Std Error of Est: 0.002915

Predicted MDL: 0.011166

Predicted MQL: 0.037220

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00019	.000	.000	.00104	.000	1
S1	5.0000	4.9566	-.043	-.869	.13396	.001	1
S2	62.500	62.899	.399	.638	1.6858	.010	1
S3	125.00	127.58	2.58	2.07	3.4185	.010	1
S4	250.00	253.27	3.27	1.31	6.7849	.027	1
S5	500.00	519.52	19.5	3.90	13.917	.012	1
S6	800.00	774.25	-25.7	-3.22	20.721	.065	1

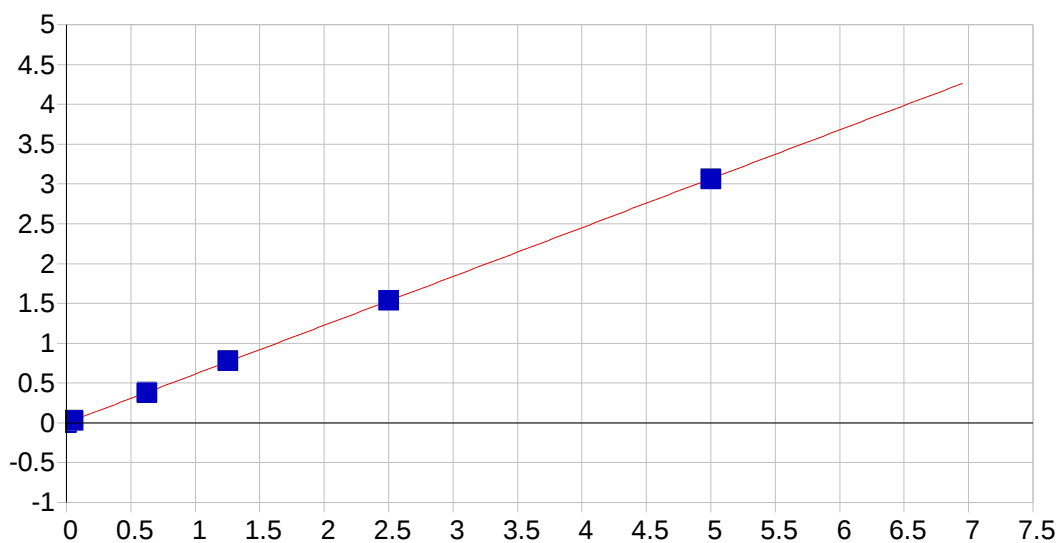


Cr 267.716 {126}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000086 Re-Slope: 1.000000
 A1 (Gain): 0.097953 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999468 Status: OK.
 Std Error of Est: 0.000095
 Predicted MDL: 0.000670
 Predicted MQL: 0.002232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.01000	.01191	.002	19.1	.00127	.000	1
S2	3.8750	4.1649	.290	7.48	.40904	.001	1
S3	7.7500	8.1734	.423	5.46	.80266	.002	1
S4	15.500	15.511	.011	.072	1.5234	.005	1
S5	31.000	30.274	-.726	-2.34	2.9733	.005	1

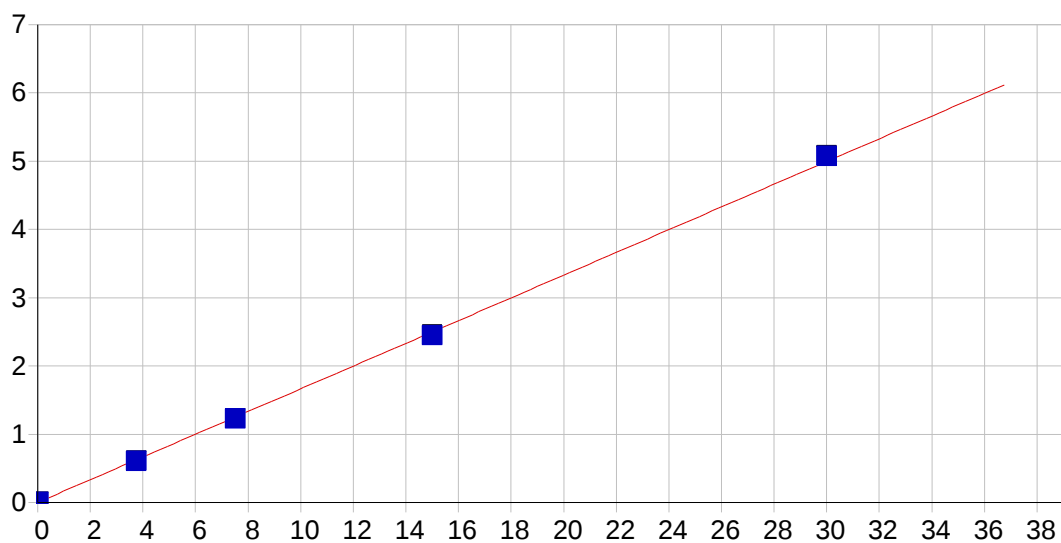


Co 228.616 {448}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000227 Re-Slope: 1.000000
 A1 (Gain): 0.613063 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000113
 Predicted MDL: 0.000306
 Predicted MQL: 0.001018

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00023	.000	1
S1	.05000	.04786	-.002	-4.28	.02923	.001	1
S2	.62500	.62187	-.003	-.501	.38182	.001	1
S3	1.2500	1.2696	.020	1.57	.77970	.002	1
S4	2.5000	2.5004	.000	.017	1.5359	.002	1
S5	5.0000	4.9853	-.015	-.295	3.0625	.001	1

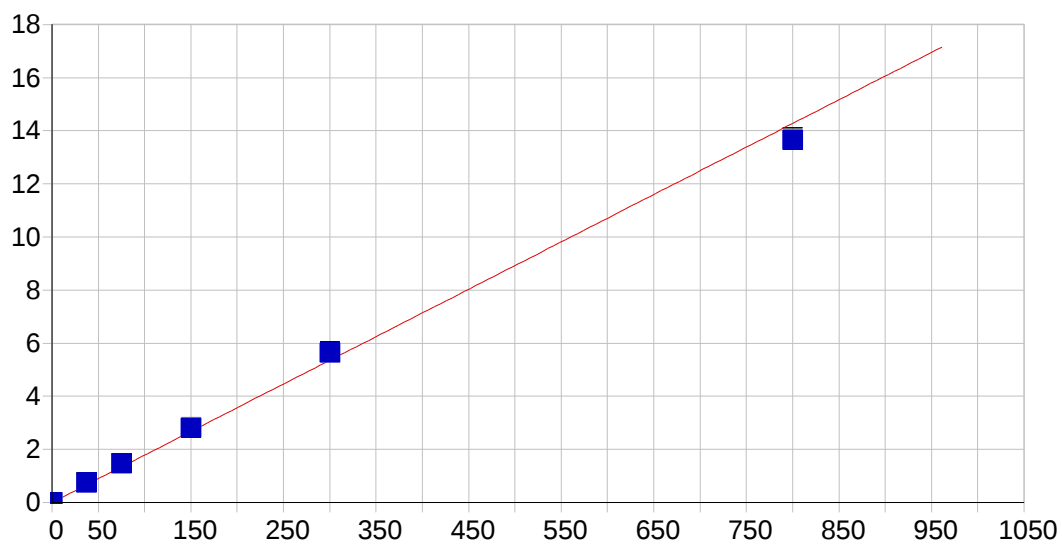


Cu 324.754 {104}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000798 Re-Slope: 1.000000
 A1 (Gain): 0.166490 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999822 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.001131
 Predicted MQL: 0.003770

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00080	.000	1
S1	.02500	.02522	.000	.863	.00497	.000	1
S2	3.7500	3.6428	-.107	-2.86	.60550	.001	1
S3	7.5000	7.3642	-.136	-1.81	1.2233	.005	1
S4	15.000	14.719	-.281	-1.87	2.4443	.007	1
S5	30.000	30.524	.524	1.75	5.0685	.004	1

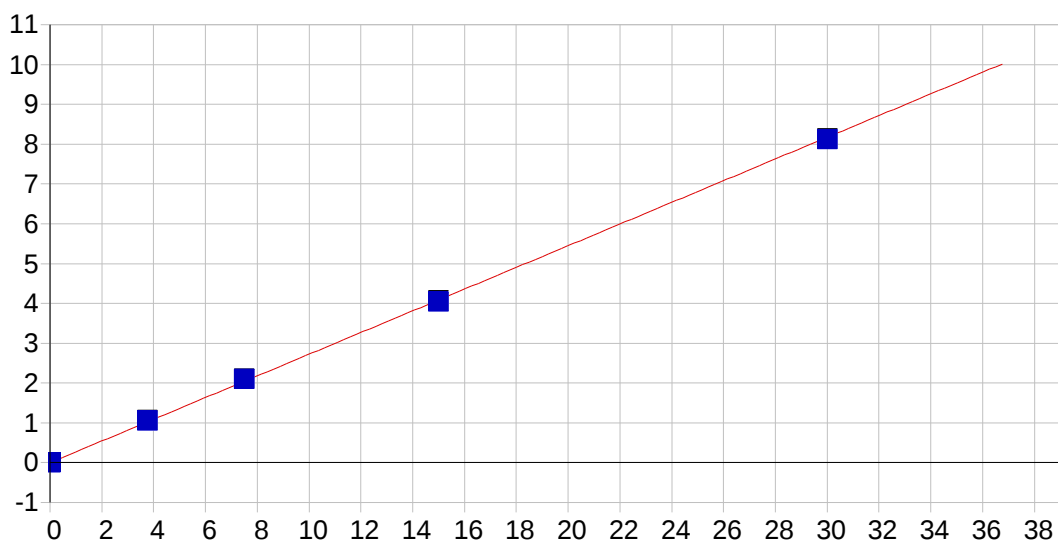


Fe 259.837 {130}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000294 Re-Slope: 1.000000
 A1 (Gain): 0.017846 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998609 Status: OK.
 Std Error of Est: 0.000412
 Predicted MDL: 0.006680
 Predicted MQL: 0.022265

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	.000	.000	.00029	.000	1
S1	.10000	.10517	.005	5.17	.00218	.000	1
S2	37.500	41.285	3.78	10.1	.73784	.003	1
S3	75.000	81.879	6.88	9.17	1.4631	.004	1
S4	150.00	157.90	7.90	5.27	2.8213	.005	1
S5	300.00	316.13	16.1	5.38	5.6482	.035	1
S6	800.00	765.28	-34.7	-4.34	13.664	.075	1

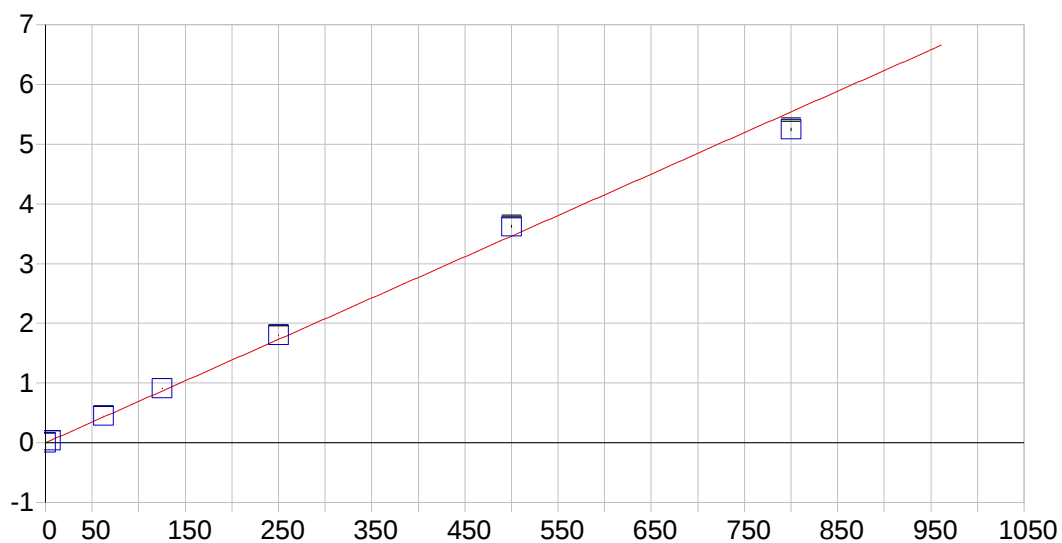


Mn 257.610 {131}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000027 Re-Slope: 1.000000
 A1 (Gain): 0.272436 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999894 Status: OK.
 Std Error of Est: 0.000141
 Predicted MDL: 0.000436
 Predicted MQL: 0.001454

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.01500	.01632	.001	8.79	.00442	.000	1
S2	3.7500	3.8729	.123	3.28	1.0553	.007	1
S3	7.5000	7.6998	.200	2.66	2.0981	.004	1
S4	15.000	14.859	-.141	-.940	4.0490	.016	1
S5	30.000	29.817	-.183	-.610	8.1250	.012	1



Mg 279.079 {121}

Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000150

Re-Slope: 1.000000

A1 (Gain): 0.006923

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.998823

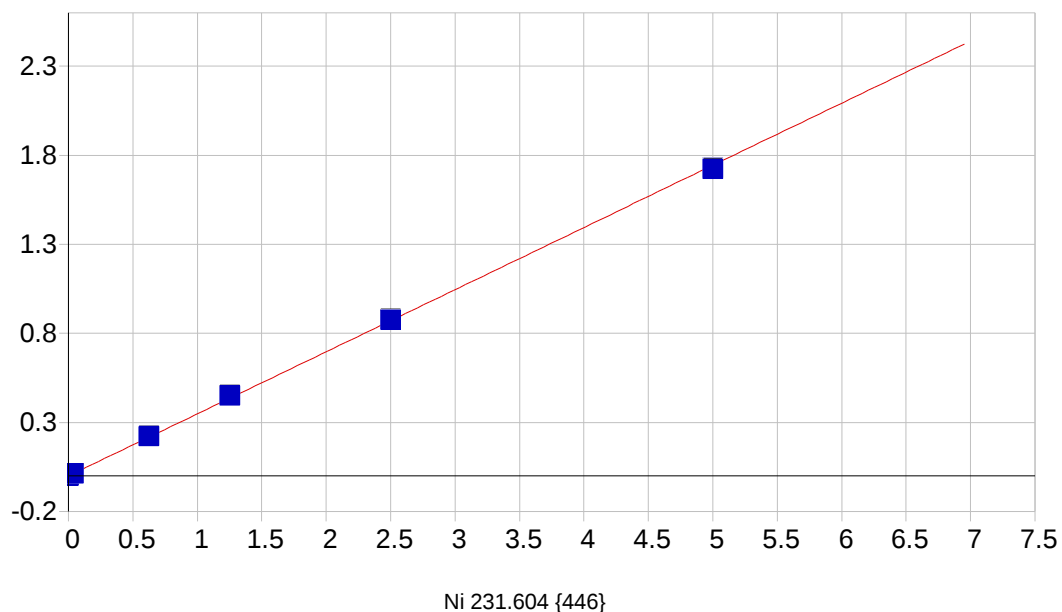
Status: OK.

Std Error of Est: 0.001174

Predicted MDL: 0.020123

Predicted MQL: 0.067077

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00076	-.001	.000	-.00015	.000	1
S1	5.0000	5.1507	.151	3.01	.03551	.000	1
S2	62.500	64.735	2.23	3.58	.44804	.002	1
S3	125.00	131.39	6.39	5.11	.90950	.000	1
S4	250.00	260.17	10.2	4.07	1.8011	.006	1
S5	500.00	523.15	23.1	4.63	3.6218	.022	1
S6	800.00	757.91	-42.1	-5.26	5.2472	.030	1



Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000369

Re-Slope: 1.000000

A1 (Gain): 0.348800

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999867

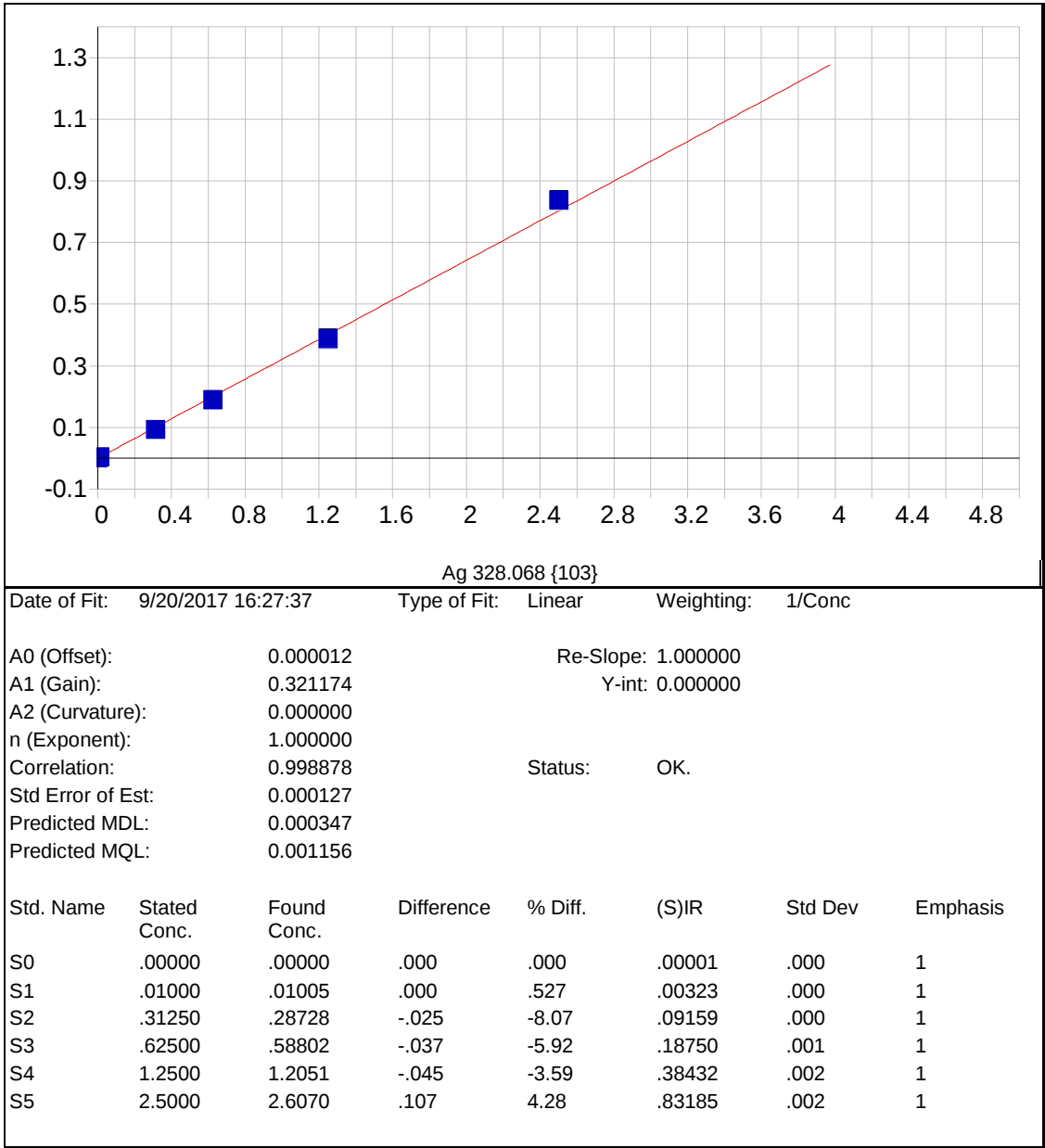
Status: OK.

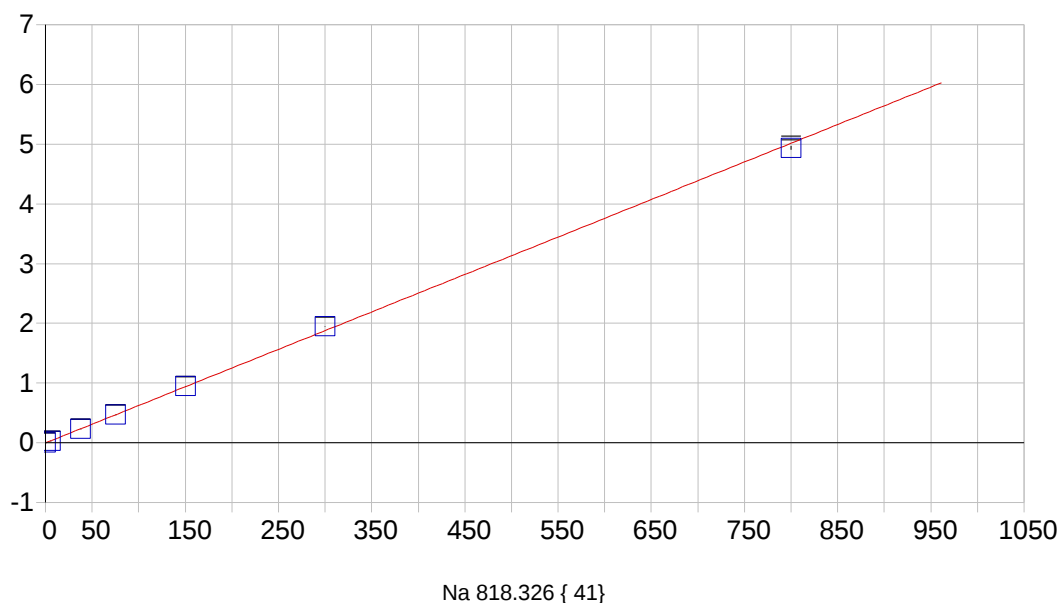
Std Error of Est: 0.000136

Predicted MDL: 0.000547

Predicted MQL: 0.001824

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00037	.000	1
S1	.04000	.04017	.000	.430	.01366	.000	1
S2	.62500	.63887	.014	2.22	.22362	.000	1
S3	1.2500	1.2912	.041	3.29	.45229	.000	1
S4	2.5000	2.5093	.009	.370	.87945	.001	1
S5	5.0000	4.9355	-.064	-1.29	1.7303	.001	1





Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.002475

Re-Slope: 1.000000

A1 (Gain): 0.006270

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999785

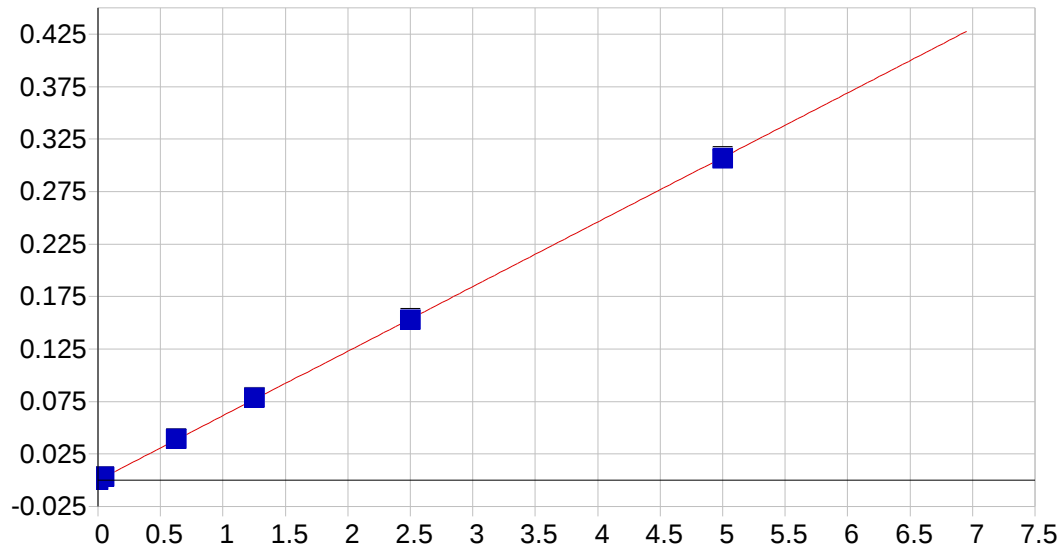
Status: OK.

Std Error of Est: 0.000402

Predicted MDL: 0.109898

Predicted MQL: 0.366326

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00007	.000	.000	-.00247	.001	1
S1	5.0000	4.7428	-.257	-5.14	.02726	.000	1
S2	37.500	37.442	-.058	-.155	.23229	.000	1
S3	75.000	75.746	.746	.994	.47246	.001	1
S4	150.00	151.38	1.38	.918	.94667	.004	1
S5	300.00	310.49	10.5	3.50	1.9443	.004	1
S6	800.00	787.70	-12.3	-1.54	4.9365	.034	1



V 292.402 {115}

Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): -0.000044

Re-Slope: 1.000000

A1 (Gain): 0.061505

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999945

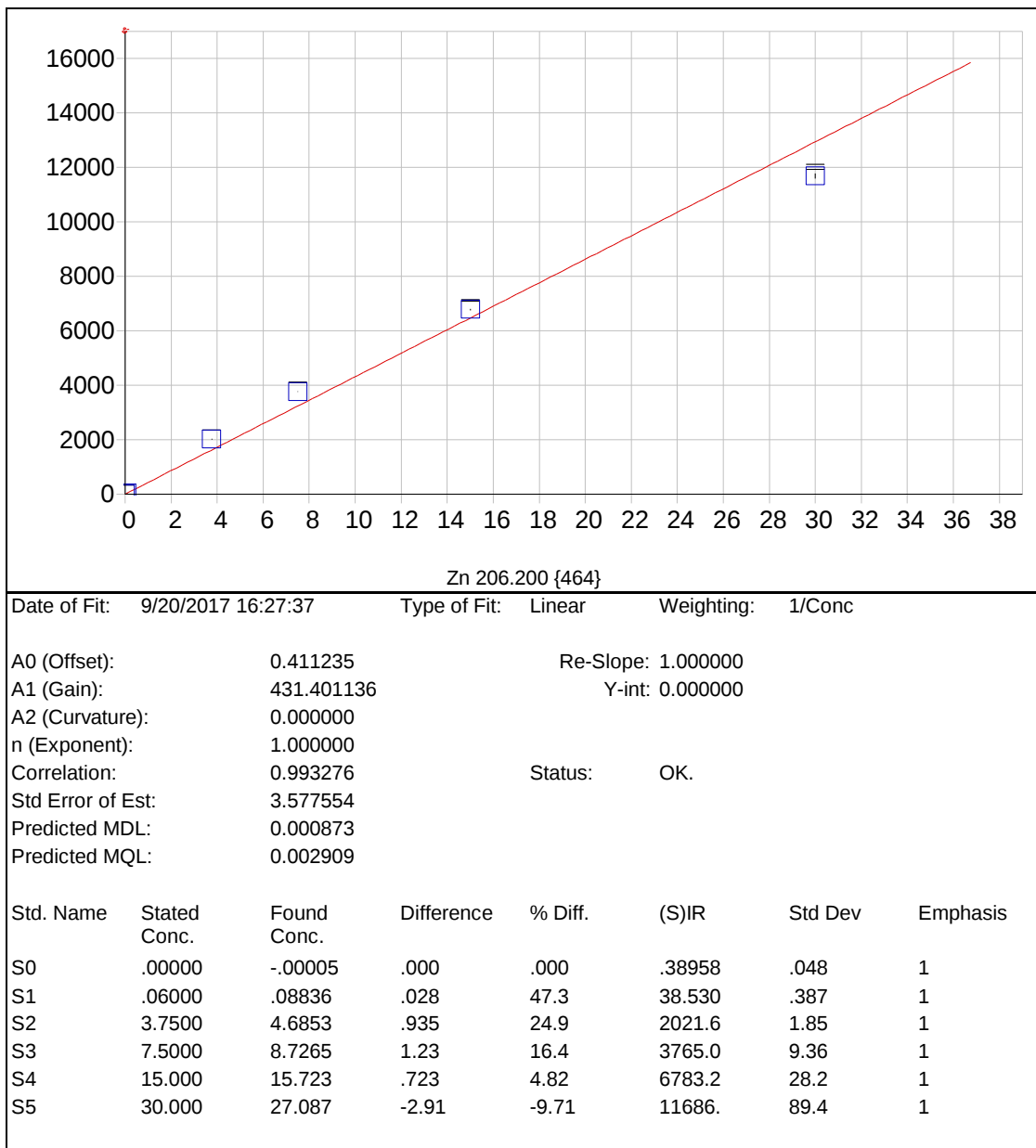
Status: OK.

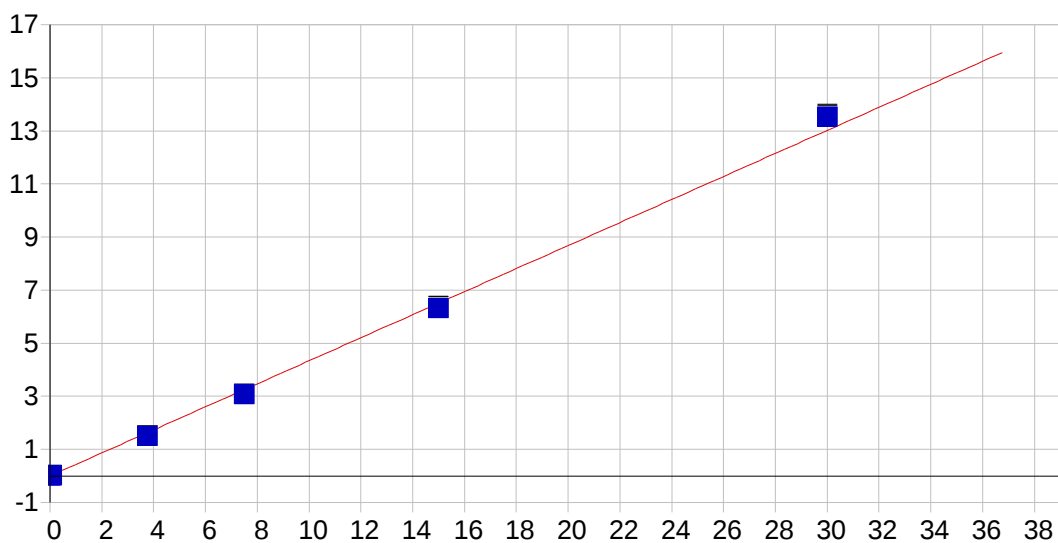
Std Error of Est: 0.000017

Predicted MDL: 0.002301

Predicted MQL: 0.007669

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.05000	.05177	.002	3.54	.00315	.000	1
S2	.62500	.63816	.013	2.11	.03936	.000	1
S3	1.2500	1.2748	.025	1.99	.07868	.000	1
S4	2.5000	2.4831	-.017	-.675	.15332	.001	1
S5	5.0000	4.9771	-.023	-.458	.30734	.001	1



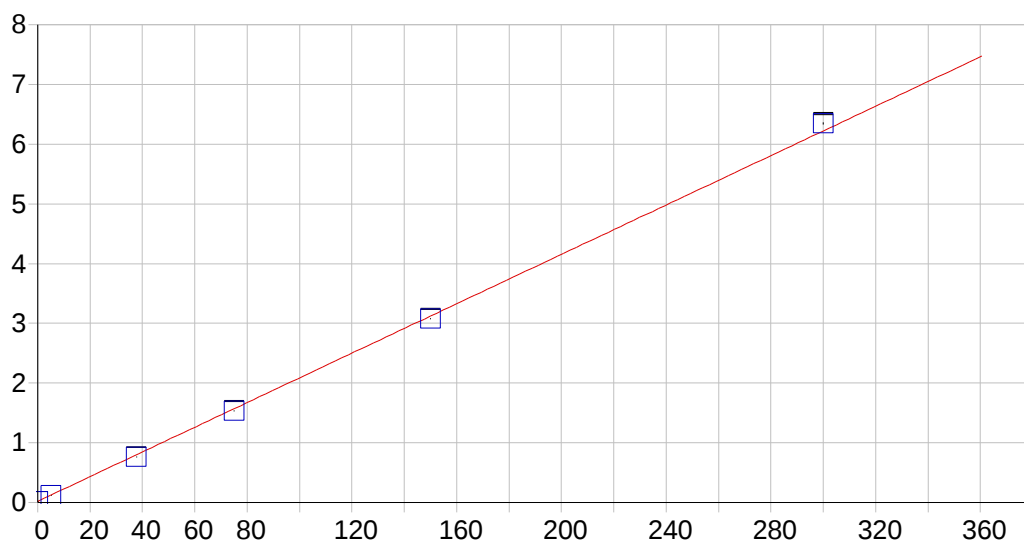


Zn 213.856 {158}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000200 Re-Slope: 1.000000
 A1 (Gain): 0.433970 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999086 Status: OK.
 Std Error of Est: 0.001324
 Predicted MDL: 0.002696
 Predicted MQL: 0.008985

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00019	.001	1
S1	.06000	.05273	-.007	-12.1	.02278	.000	1
S2	3.7500	3.4639	-.286	-7.63	1.5069	.008	1
S3	7.5000	7.0966	-.403	-5.38	3.0873	.006	1
S4	15.000	14.537	-.463	-3.09	6.3239	.070	1
S5	30.000	31.160	1.16	3.87	13.554	.072	1



K 769.896 { 44}

Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.020308

Re-Slope: 1.000000

A1 (Gain): 0.020669

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999723

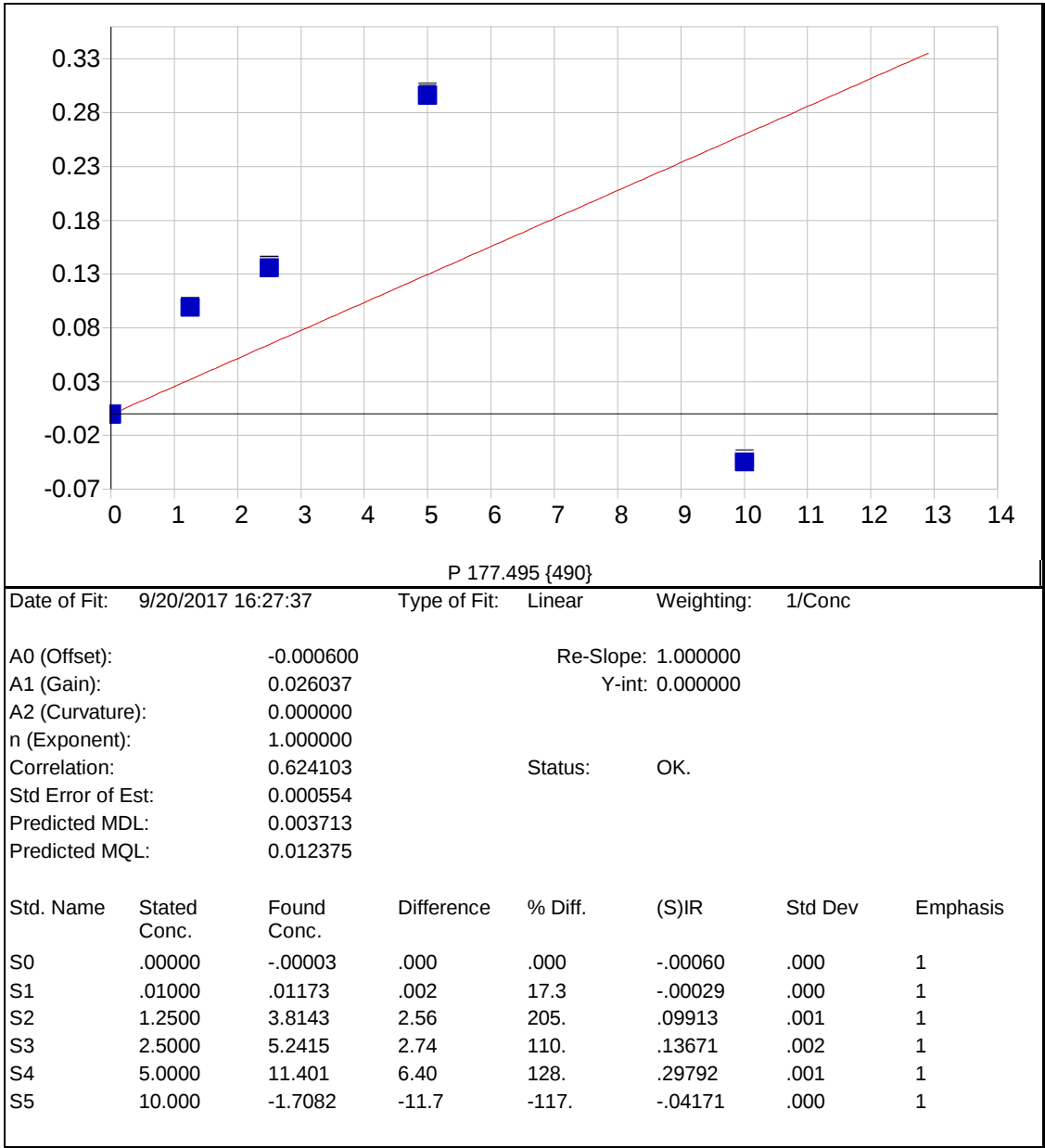
Status: OK.

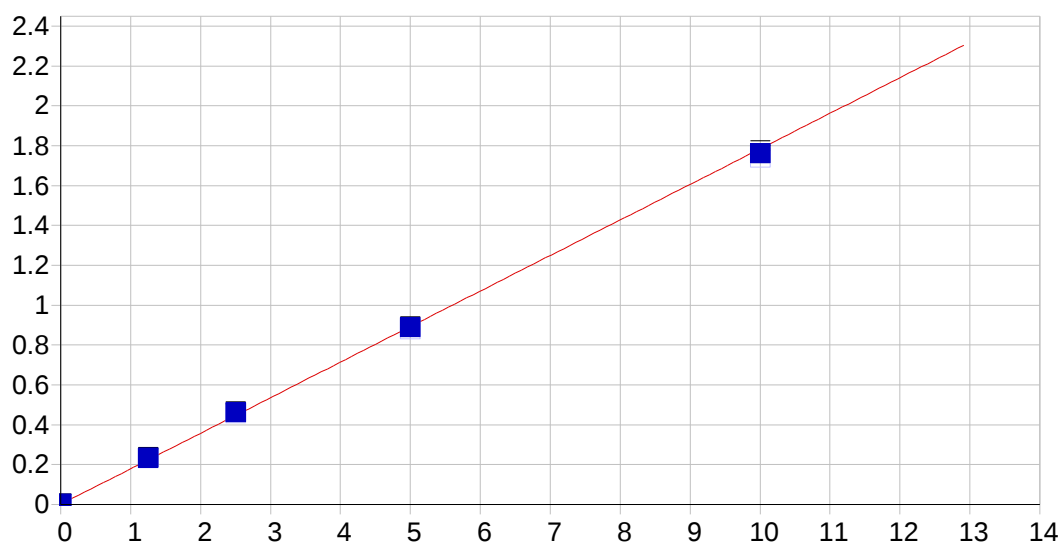
Std Error of Est: 0.001003

Predicted MDL: 0.027782

Predicted MQL: 0.092607

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00073	.001	.000	.02032	.000	1
S1	5.0000	4.5975	-.402	-8.05	.11533	.000	1
S2	37.500	35.749	-1.75	-4.67	.75920	.000	1
S3	75.000	73.208	-1.79	-2.39	1.5334	.007	1
S4	150.00	147.81	-2.19	-1.46	3.0754	.006	1
S5	300.00	306.13	6.13	2.04	6.3478	.015	1



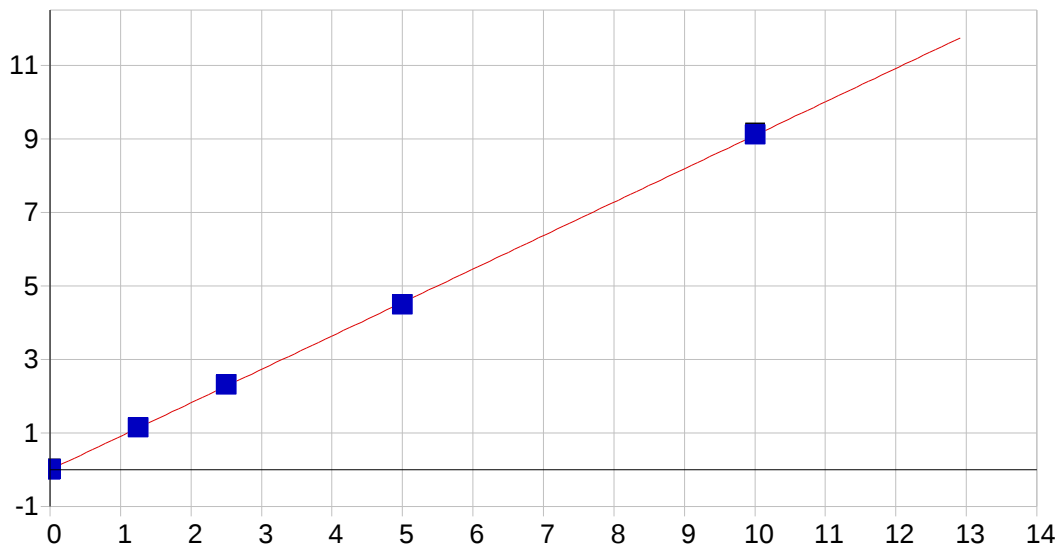


B 249.678 {135}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000841 Re-Slope: 1.000000
 A1 (Gain): 0.178396 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999808 Status: OK.
 Std Error of Est: 0.000058
 Predicted MDL: 0.001062
 Predicted MQL: 0.003541

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00084	.000	1
S1	.01000	.01120	.001	12.0	.00284	.000	1
S2	1.2500	1.3049	.055	4.39	.23083	.002	1
S3	2.5000	2.5845	.085	3.38	.45632	.002	1
S4	5.0000	4.9849	-.015	-.302	.87896	.003	1
S5	10.000	9.8745	-.125	-1.25	1.7401	.012	1



Mo 202.030 {467}

Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000113

Re-Slope: 1.000000

A1 (Gain): 0.909316

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999956

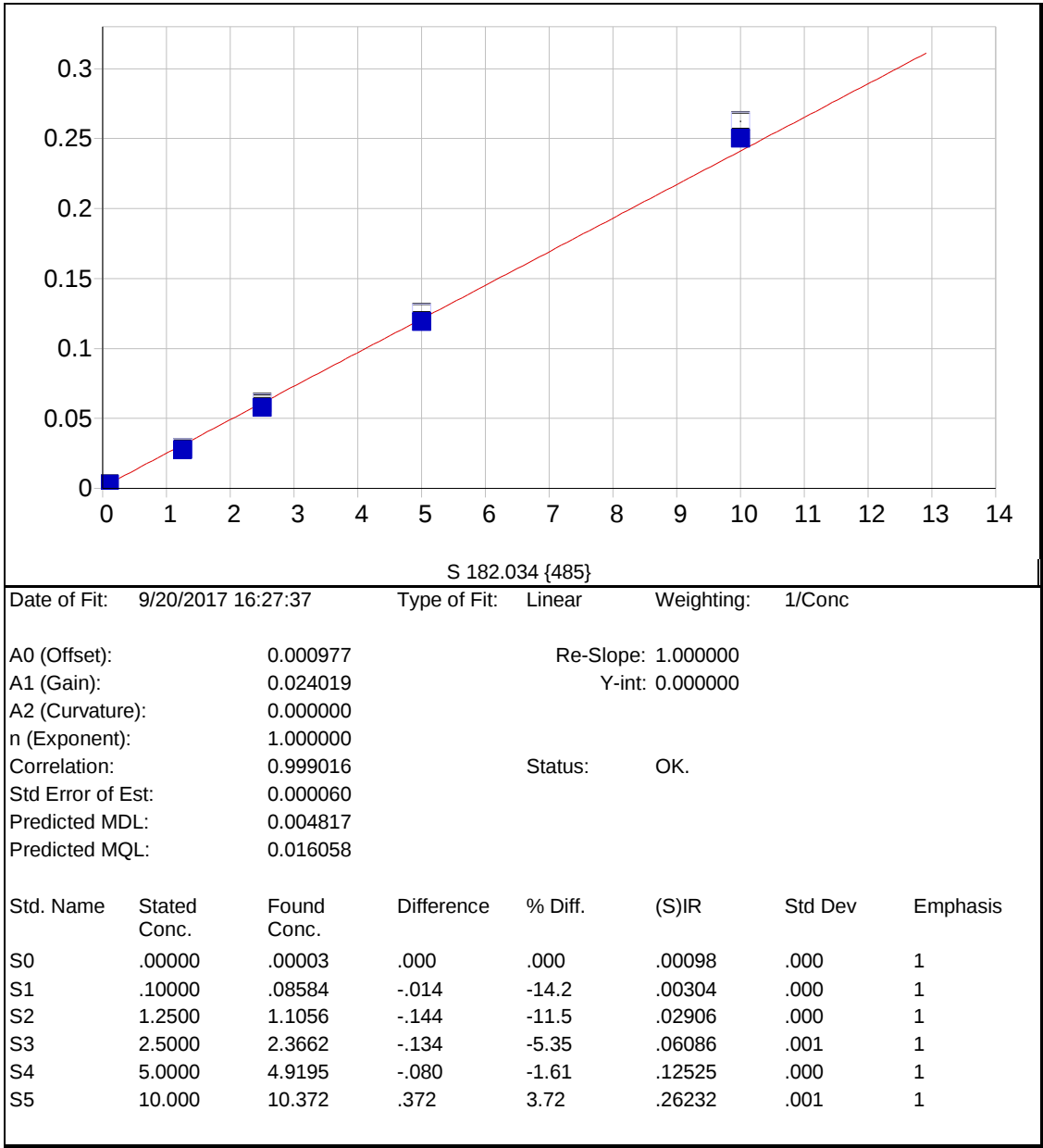
Status: OK.

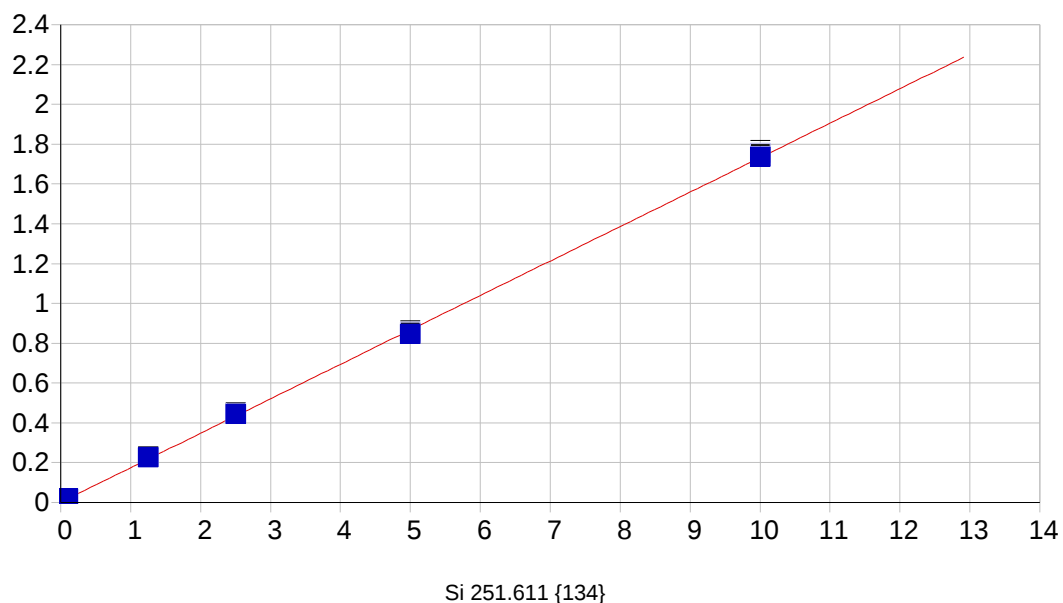
Std Error of Est: 0.000144

Predicted MDL: 0.000334

Predicted MQL: 0.001114

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00011	.000	1
S1	.01000	.01071	.001	7.12	.00987	.000	1
S2	1.2500	1.2616	.012	.927	1.1483	.004	1
S3	2.5000	2.5373	.037	1.49	2.3094	.005	1
S4	5.0000	4.9322	-.068	-1.36	4.4892	.008	1
S5	10.000	10.018	.018	.182	9.1180	.037	1

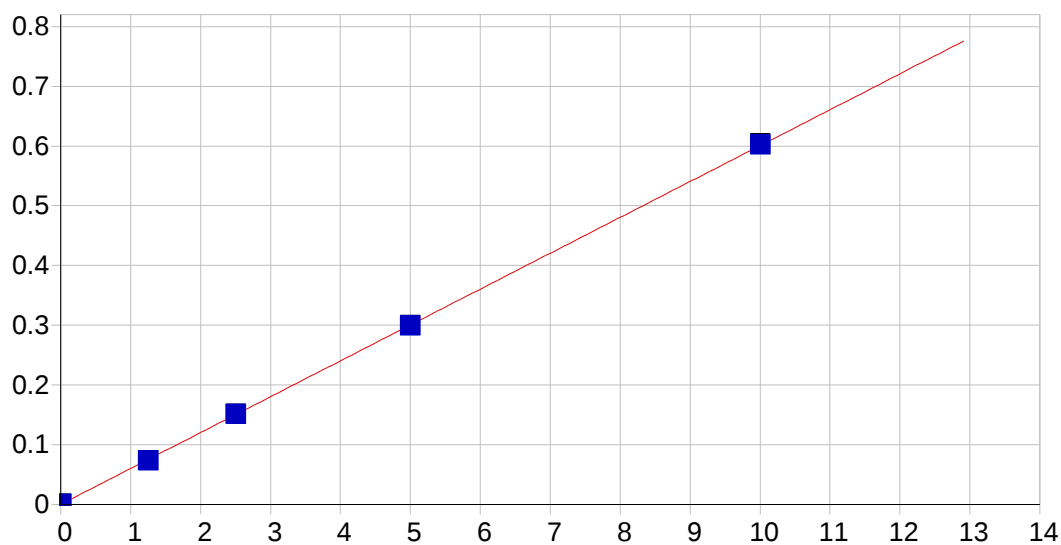




Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001682 Re-Slope: 1.000000
 A1 (Gain): 0.173051 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999853 Status: OK.
 Std Error of Est: 0.000160
 Predicted MDL: 0.001131
 Predicted MQL: 0.003771

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00168	.000	1
S1	.10000	.10046	.000	.460	.01913	.000	1
S2	1.2500	1.2938	.044	3.50	.22812	.003	1
S3	2.5000	2.5539	.054	2.16	.44874	.002	1
S4	5.0000	4.8789	-.121	-2.42	.85617	.005	1
S5	10.000	10.023	.023	.229	1.7565	.014	1



Sn 189.989 {478}

Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000138

Re-Slope: 1.000000

A1 (Gain): 0.060066

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999978

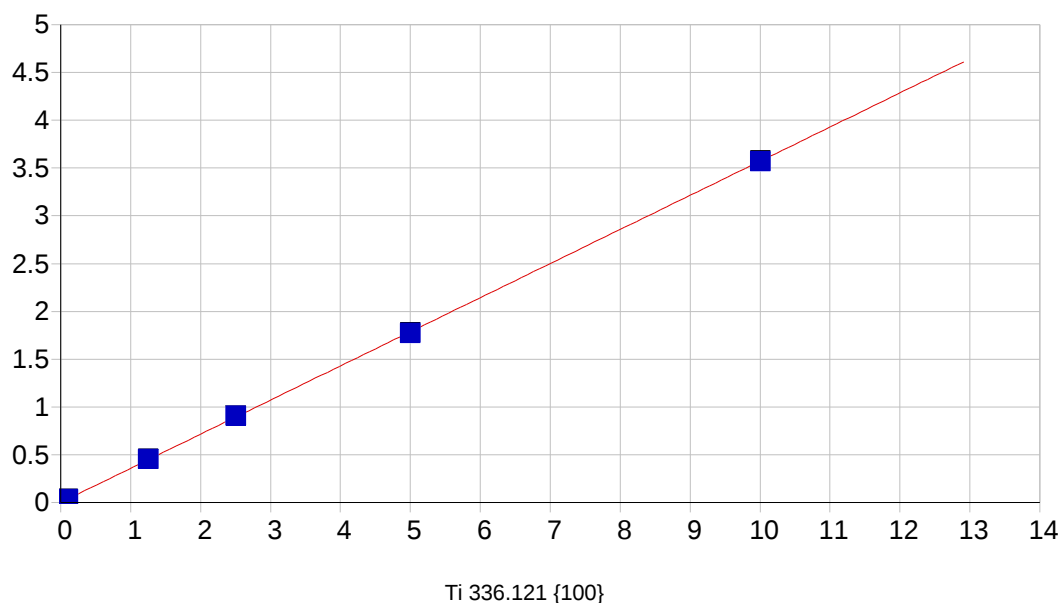
Status: OK.

Std Error of Est: 0.000006

Predicted MDL: 0.001692

Predicted MQL: 0.005639

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.00700	.00745	.000	6.41	.00058	.000	1
S2	1.2500	1.2232	-.027	-2.15	.07355	.000	1
S3	2.5000	2.5158	.016	.630	.15113	.000	1
S4	5.0000	4.9827	-.017	-.347	.29919	.000	1
S5	10.000	10.028	.028	.280	.60201	.002	1



Date of Fit: 9/20/2017 16:27:37

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000793

Re-Slope: 1.000000

A1 (Gain): 0.357110

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999970

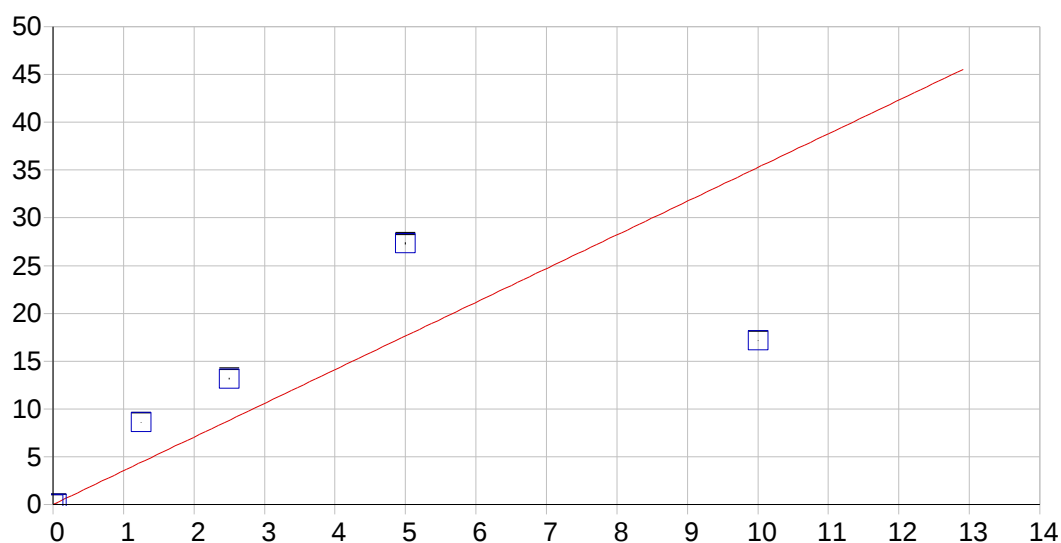
Status: OK.

Std Error of Est: 0.000146

Predicted MDL: 0.000658

Predicted MQL: 0.002194

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00079	.000	1
S1	.10000	.09943	-.001	-.569	.03629	.000	1
S2	1.2500	1.2674	.017	1.39	.45325	.001	1
S3	2.5000	2.5355	.035	1.42	.90593	.001	1
S4	5.0000	4.9579	-.042	-.842	1.7707	.007	1
S5	10.000	9.9898	-.010	-.102	3.5670	.008	1



Li 670.784 { 50}

Date of Fit: 9/20/2017 16:27:37 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.002945	Re-Slope: 1.000000
A1 (Gain):	3.526280	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.872342	Status: OK.
Std Error of Est:	0.074167	
Predicted MDL:	0.000217	
Predicted MQL:	0.000722	

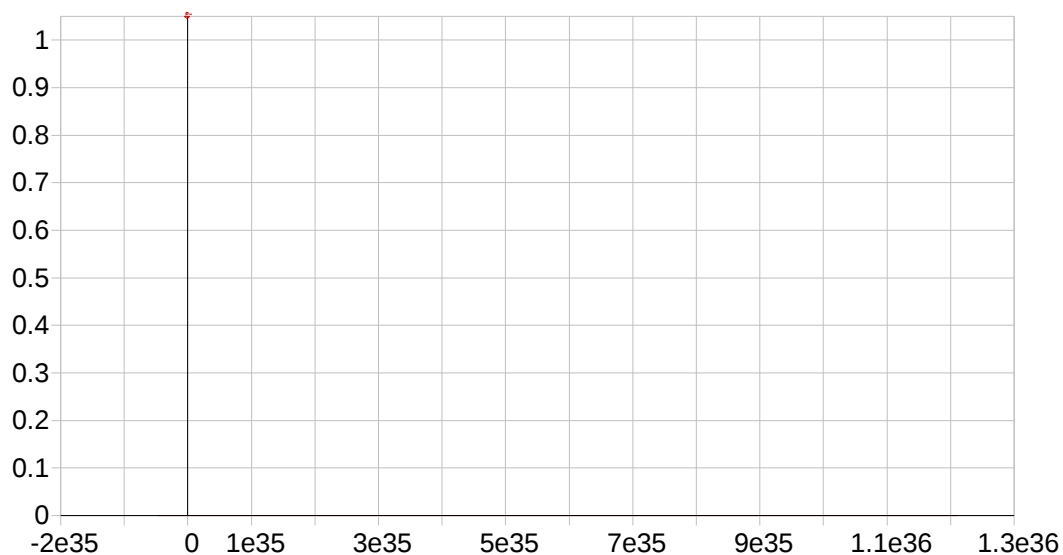
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	.000	.000	.00278	.000	1
S5	10.000	4.8587	-5.14	-51.4	17.136	.038	1
S4	5.0000	7.7498	2.75	55.0	27.331	.093	1
S3	2.5000	3.7342	1.23	49.4	13.171	.083	1
S2	1.2500	2.4353	1.19	94.8	8.5906	.010	1
S1	.05000	.02196	-.028	-56.1	.08039	.000	1



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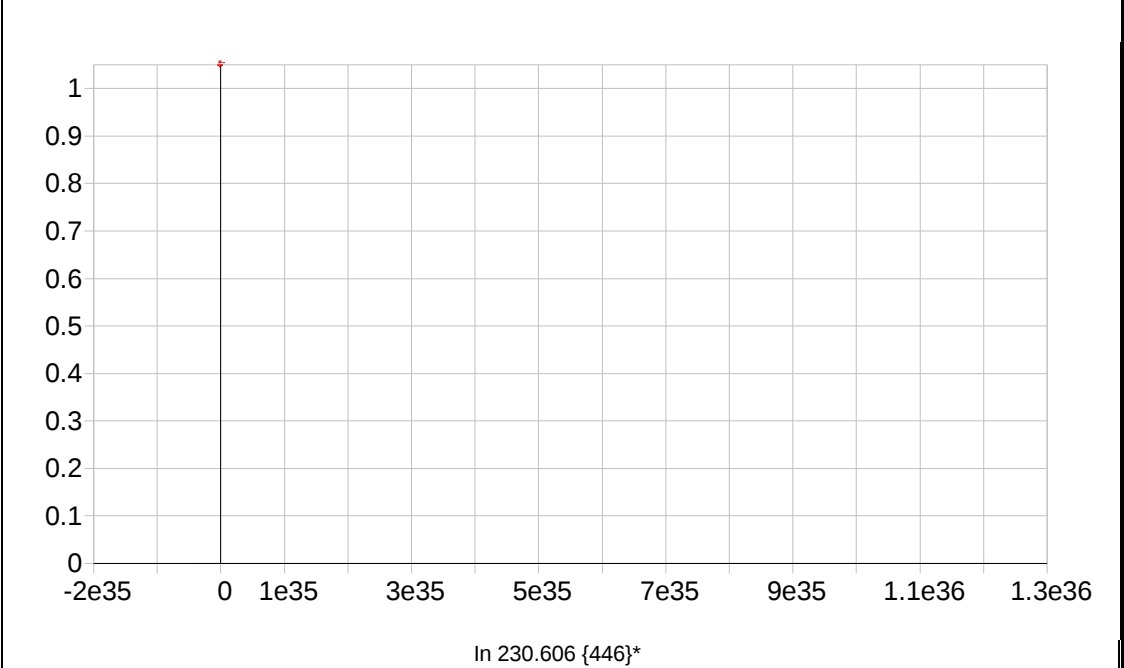
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
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Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
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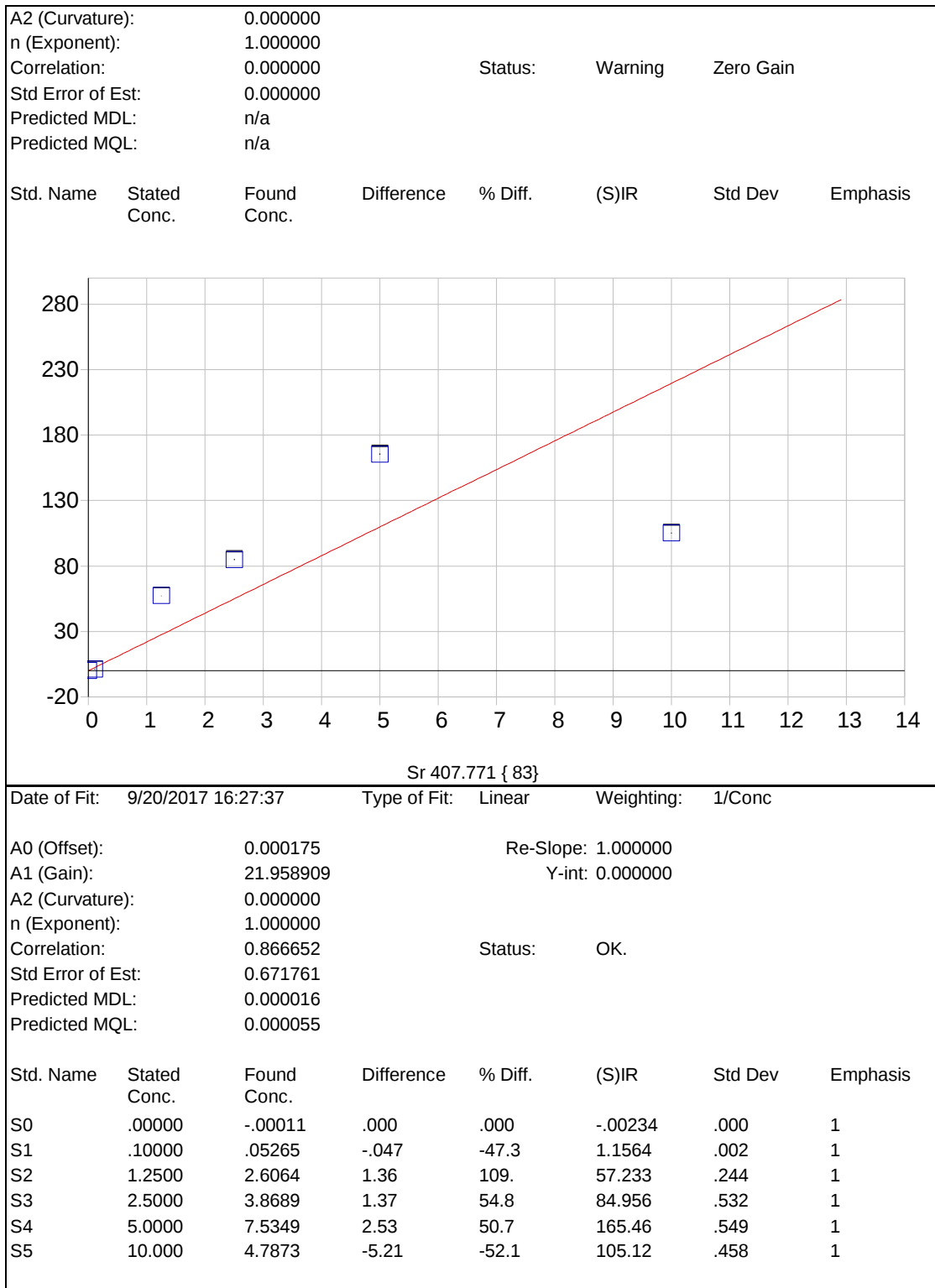


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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: 9/20/2017 12:12:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	-.00017	-.00028	.00009	.00038	.00027	.00007	-.06471	-.00113
Stddev	.00018	.00005	.00014	.00021	.00011	.00035	.00063	.00006
%RSD	106.14	17.605	162.22	54.496	40.373	506.74	.98046	5.1933

#1	-.00020	-.00026	.00001	.00059	.00016	-.00003	-.06543	-.00108
#2	-.00033	-.00033	.00025	.00018	.00028	-.00023	-.06449	-.00112
#3	.00003	-.00024	.00000	.00037	.00038	.00046	-.06422	-.00119

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	-.00016	.00104	.00009	-.00023	.00080	.00029	-.00003	-.00015
Stddev	.00013	.00027	.00003	.00006	.00014	.00007	.00006	.00004
%RSD	77.419	26.262	36.534	26.028	17.825	22.195	203.44	25.202

#1	-.00013	.00122	.00006	-.00021	.00066	.00029	-.00006	-.00014
#2	-.00030	.00118	.00008	-.00017	.00094	.00036	-.00005	-.00013
#3	-.00006	.00073	.00012	-.00029	.00079	.00023	.00004	-.00020

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	-.00037	.00001	-.00247	-.00004	-.00019	.02032	-.00060	.00084
Stddev	.00013	.00005	.00061	.00008	.00060	.00031	.00009	.00010
%RSD	34.468	404.49	24.819	176.35	311.45	1.5150	14.552	11.419

#1	-.00023	.00003	-.00178	.00000	-.00010	.02056	-.00054	.00082
#2	-.00048	.00006	-.00293	-.00013	.00036	.02044	-.00070	.00095
#3	-.00040	-.00004	-.00272	.00000	-.00084	.01997	-.00056	.00076

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	.00011	.00098	.00168	.00014	.00079	.00278	-.00234	
Stddev	.00014	.00013	.00007	.00004	.00017	.00028	.00040	
%RSD	121.26	13.189	4.0817	27.979	21.093	10.228	17.013	

#1	.00004	.00112	.00176	.00014	.00061	.00269	-.00207	
#2	.00002	.00093	.00162	.00010	.00082	.00256	-.00280	
#3	.00027	.00088	.00167	.00018	.00094	.00310	-.00216	

Sample Name: S0 Acquired: 9/20/2017 12:12:05 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	775.04	1443.3	33754.	10923.	2950.4
Stddev	.77	19.7	24.	50.	35.0
%RSD	.09916	1.3649	.07037	.45337	1.1876
#1	775.93	1420.7	33728.	10895.	2910.4
#2	774.61	1452.7	33774.	10981.	2965.2
#3	774.59	1456.6	33759.	10895.	2975.6

Sample Name: S1 Acquired: 9/20/2017 12:16:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.00034	.00094	.00159	.00341	.01131	.01726	.40660	.00943
Stddev	.00010	.00014	.00010	.00001	.00038	.00004	.00277	.00031
%RSD	27.999	15.025	6.2800	.41502	3.3683	.20494	.68105	3.2847

#1	.00042	.00110	.00148	.00341	.01164	.01726	.40678	.00910
#2	.00037	.00091	.00161	.00339	.01089	.01729	.40928	.00948
#3	.00024	.00082	.00167	.00341	.01140	.01722	.40375	.00972

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	.00760	.13396	.00127	.02923	.00497	.00218	.00442	.03551
Stddev	.00008	.00144	.00003	.00071	.00006	.00024	.00025	.00028
%RSD	1.0146	1.0745	2.5138	2.4278	1.2562	11.001	5.5900	.80095

#1	.00757	.13240	.00123	.02978	.00497	.00224	.00425	.03521
#2	.00754	.13524	.00129	.02947	.00503	.00238	.00470	.03577
#3	.00769	.13424	.00128	.02843	.00490	.00192	.00431	.03555

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	.01366	.00323	.02726	.00315	.02278	.11533	-.00029	.00284
Stddev	.00007	.00012	.00014	.00011	.00021	.00017	.00008	.00013
%RSD	.49165	3.5829	.51879	3.3666	.91140	.14404	26.006	4.4844

#1	.01374	.00325	.02739	.00321	.02301	.11514	-.00021	.00271
#2	.01363	.00311	.02728	.00321	.02260	.11545	-.00036	.00296
#3	.01361	.00334	.02711	.00303	.02274	.11541	-.00030	.00286

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	.00987	.00304	.01913	.00058	.03629	.08039	1.1564	
Stddev	.00023	.00004	.00040	.00008	.00004	.00016	.0024	
%RSD	2.3590	1.2612	2.1138	13.838	.11058	.19410	.20946	

#1	.01011	.00306	.01868	.00053	.03632	.08033	1.1566	
#2	.00987	.00308	.01925	.00054	.03631	.08028	1.1587	
#3	.00964	.00300	.01946	.00067	.03624	.08057	1.1538	

Sample Name: S1 Acquired: 9/20/2017 12:16:16 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	790.90	1399.6	34085.	11156.	2812.0
Stddev	7.35	7.9	61.	60.	6.9
%RSD	.92921	.56232	.18006	.53936	.24507
#1	782.43	1391.8	34028.	11225.	2805.5
#2	795.51	1399.4	34150.	11111.	2811.1
#3	794.77	1407.5	34077.	11133.	2819.2

Sample Name: S2 Acquired: 9/20/2017 12:20:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.05973	.05321	.98991	.09905	.22518	3.3323	7.0402	.21636
Stddev	.00026	.00020	.00149	.00024	.00097	.0069	.0084	.00297
%RSD	.43707	.37331	.15015	.24117	.43234	.20551	.11958	1.3714

#1	.05949	.05298	.98895	.09933	.22629	3.3311	7.0308	.21667
#2	.06001	.05327	.99162	.09890	.22450	3.3262	7.0472	.21324
#3	.05971	.05336	.98916	.09892	.22473	3.3397	7.0425	.21915

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	.89782	1.6858	.40904	.38182	.60550	.73784	1.0553	.44804
Stddev	.00142	.0095	.00128	.00121	.00126	.00334	.0069	.00164
%RSD	.15840	.56554	.31407	.31600	.20876	.45264	.65748	.36671

#1	.89733	1.6860	.40858	.38279	.60551	.73710	1.0555	.44931
#2	.89942	1.6762	.40804	.38219	.60676	.73494	1.0483	.44618
#3	.89671	1.6952	.41049	.38046	.60423	.74149	1.0621	.44862

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	.22362	.09159	.23229	.03936	1.5069	.75920	.09913	.23083
Stddev	.00035	.00021	.00018	.00015	.0079	.00041	.00077	.00224
%RSD	.15622	.22747	.07720	.38504	.52543	.05428	.77175	.96989

#1	.22341	.09148	.23247	.03930	1.5028	.75959	.09840	.23144
#2	.22342	.09147	.23230	.03926	1.5161	.75877	.09993	.22835
#3	.22402	.09183	.23211	.03954	1.5019	.75924	.09907	.23271

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	1.1483	.02906	.22812	.07355	.45325	8.5906	57.233	
Stddev	.0037	.00005	.00251	.00030	.00101	.0096	.244	
%RSD	.32231	.18251	1.1004	.40976	.22348	.11156	.42580	

#1	1.1479	.02904	.22948	.07351	.45417	8.5801	57.231	
#2	1.1522	.02902	.22522	.07387	.45216	8.5988	56.991	
#3	1.1448	.02912	.22966	.07327	.45341	8.5928	57.478	

Sample Name: S2 Acquired: 9/20/2017 12:20:26 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	737.57	1322.4	32426.	10914.	2447.8
Stddev	8.39	4.8	176.	63.	4.8
%RSD	1.1381	.36097	.54252	.57988	.19460
#1	732.76	1318.6	32345.	10854.	2445.6
#2	732.69	1320.9	32304.	10980.	2444.5
#3	747.26	1327.8	32627.	10907.	2453.2

Sample Name: S3 Acquired: 9/20/2017 12:24:29 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.12244	.10503	1.9968	.19980	.46084	6.8329	14.271	.43622
Stddev	.00071	.00085	.0054	.00029	.00124	.0223	.040	.00296
%RSD	.58320	.80998	.27090	.14341	.26810	.32670	.27784	.67964

#1	.12205	.10405	1.9929	.19950	.46221	6.8118	14.225	.43929
#2	.12200	.10557	1.9945	.19983	.46049	6.8308	14.296	.43601
#3	.12326	.10547	2.0030	.20007	.45981	6.8563	14.291	.43337

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	1.8255	3.4185	.80266	.77970	1.2233	1.4631	2.0981	.90950
Stddev	.0056	.0096	.00228	.00235	.0046	.0037	.0036	.00021
%RSD	.30661	.28173	.28372	.30135	.37171	.25273	.17151	.02257

#1	1.8190	3.4293	.80374	.77699	1.2182	1.4672	2.1019	.90933
#2	1.8290	3.4109	.80004	.78095	1.2269	1.4602	2.0948	.90973
#3	1.8285	3.4151	.80419	.78117	1.2248	1.4617	2.0977	.90944

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	.45229	.18750	.47246	.07868	3.0873	1.5334	.13671	.45632
Stddev	.00023	.00108	.00129	.00023	.0060	.0067	.00157	.00210
%RSD	.04992	.57355	.27406	.28768	.19533	.43567	1.1459	.46071

#1	.45208	.18833	.47200	.07879	3.0806	1.5276	.13496	.45832
#2	.45253	.18629	.47146	.07883	3.0924	1.5407	.13718	.45652
#3	.45226	.18788	.47392	.07842	3.0889	1.5320	.13799	.45413

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	2.3094	.06086	.44874	.15113	.90593	13.171	84.956	
Stddev	.0046	.00053	.00185	.00026	.00134	.083	.532	
%RSD	.19703	.87748	.41127	.17226	.14835	.63031	.62581	

#1	2.3106	.06030	.45079	.15086	.90736	13.075	85.304	
#2	2.3044	.06094	.44819	.15115	.90469	13.221	85.220	
#3	2.3132	.06136	.44723	.15138	.90573	13.217	84.344	

Sample Name: S3 Acquired: 9/20/2017 12:24:29 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	708.14	1252.3	31319.	10733.	2250.2
Stddev	1.37	3.1	21.	46.	3.5
%RSD	.19365	.24519	.06664	.42551	.15700
#1	708.65	1248.9	31313.	10693.	2249.1
#2	706.59	1253.4	31303.	10722.	2247.4
#3	709.18	1254.7	31343.	10783.	2254.2

Sample Name: S4 Acquired: 9/20/2017 12:28:30 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.24783	.19955	3.8617	.39737	.92830	13.867	27.484	.86533
Stddev	.00100	.00059	.0061	.00227	.00227	.037	.126	.00654
%RSD	.40439	.29647	.15725	.57148	.24420	.26559	.45915	.75582

#1	.24853	.19942	3.8559	.39645	.93056	13.855	27.625	.86735
#2	.24668	.19904	3.8611	.39569	.92603	13.908	27.443	.87063
#3	.24827	.20020	3.8680	.39995	.92829	13.837	27.383	.85802

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	3.5737	6.7849	1.5234	1.5359	2.4443	2.8213	4.0490	1.8011
Stddev	.0093	.0271	.0050	.0023	.0066	.0047	.0159	.0058
%RSD	.25979	.39932	.32845	.14790	.27175	.16811	.39349	.32109

#1	3.5633	6.7856	1.5272	1.5333	2.4397	2.8179	4.0447	1.7977
#2	3.5812	6.8116	1.5252	1.5366	2.4519	2.8267	4.0666	1.8078
#3	3.5766	6.7574	1.5177	1.5377	2.4411	2.8194	4.0356	1.7978

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	.87945	.38432	.94667	.15332	6.3239	3.0754	.29792	.87896
Stddev	.00149	.00229	.00422	.00067	.0703	.0063	.00089	.00313
%RSD	.16928	.59566	.44616	.43992	1.1117	.20379	.29899	.35561

#1	.87773	.38494	.94564	.15389	6.2428	3.0710	.29890	.88098
#2	.88025	.38624	.95132	.15349	6.3667	3.0826	.29717	.88053
#3	.88037	.38179	.94306	.15257	6.3623	3.0727	.29768	.87536

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	4.4892	.12525	.85617	.29919	1.7707	27.331	165.46	
Stddev	.0076	.00048	.00517	.00048	.0065	.093	.55	
%RSD	.16826	.38423	.60380	.15951	.36795	.33860	.33183	

#1	4.4839	.12488	.86097	.29865	1.7676	27.309	165.67	
#2	4.4858	.12579	.85684	.29953	1.7782	27.432	165.87	
#3	4.4978	.12507	.85070	.29941	1.7663	27.251	164.83	

Sample Name: S4 Acquired: 9/20/2017 12:28:30 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	671.71	1199.0	30468.	10662.	2088.1
Stddev	4.41	3.5	83.	33.	2.8
%RSD	.65663	.29321	.27263	.31215	.13400
#1	676.80	1195.7	30497.	10651.	2086.5
#2	669.06	1202.7	30532.	10635.	2091.4
#3	669.27	1198.6	30374.	10699.	2086.5

Sample Name: S5 Acquired: 9/20/2017 12:32:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.52904	.38649	7.5893	.82708	1.9818	28.969	55.678	1.8187
Stddev	.00534	.00136	.0148	.00446	.0138	.015	.309	.0172
%RSD	1.0103	.35060	.19550	.53985	.69390	.05308	.55440	.94803

#1	.52692	.38715	7.5734	.82347	1.9758	28.985	55.894	1.8272
#2	.52508	.38493	7.5920	.82569	1.9721	28.954	55.324	1.7989
#3	.53512	.38738	7.6027	.83207	1.9976	28.970	55.814	1.8300

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	7.0183	13.917	2.9733	3.0625	5.0685	5.6482	8.1250	3.6218
Stddev	.0274	.012	.0050	.0014	.0040	.0350	.0120	.0225
%RSD	.39046	.08554	.16950	.04449	.07803	.61880	.14706	.62073

#1	6.9973	13.923	2.9769	3.0626	5.0666	5.6652	8.1173	3.6325
#2	7.0493	13.903	2.9676	3.0637	5.0730	5.6080	8.1190	3.5960
#3	7.0084	13.925	2.9756	3.0610	5.0658	5.6714	8.1388	3.6370

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	1.7303	.83185	1.9443	.30734	13.554	6.3478	-.04171	1.7401
Stddev	.0015	.00191	.0035	.00128	.072	.0149	.00025	.0118
%RSD	.08417	.22949	.18231	.41727	.53148	.23450	.60516	.67970

#1	1.7294	.83235	1.9472	.30769	13.504	6.3567	-.04166	1.7486
#2	1.7320	.82974	1.9404	.30592	13.636	6.3306	-.04148	1.7266
#3	1.7296	.83345	1.9454	.30842	13.520	6.3560	-.04198	1.7451

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	9.1180	.26232	1.7565	.60201	3.5670	17.136	105.12	
Stddev	.0367	.00061	.0136	.00192	.0077	.038	.46	
%RSD	.40246	.23155	.77676	.31881	.21616	.22137	.43552	

#1	9.0886	.26299	1.7684	.59986	3.5731	17.140	105.14	
#2	9.1063	.26216	1.7416	.60264	3.5584	17.172	104.66	
#3	9.1592	.26181	1.7596	.60354	3.5696	17.096	105.57	

Sample Name: S5 Acquired: 9/20/2017 12:32:37 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	600.67	1063.2	28385.	10101.	1832.0
Stddev	2.32	7.3	85.	65.	7.2
%RSD	.38625	.68526	.30044	.64211	.39415
#1	601.89	1065.2	28379.	10049.	1830.9
#2	598.00	1069.3	28303.	10174.	1839.7
#3	602.13	1055.2	28473.	10081.	1825.4

Sample Name: S6 Acquired: 9/20/2017 12:36:43 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	69.764	20.721	13.664	5.2472	4.9365
Stddev	.668	.065	.075	.0301	.0344
%RSD	.95712	.31524	.54576	.57362	.69653

#1	69.874	20.796	13.731	5.2724	4.9684
#2	70.369	20.692	13.678	5.2554	4.9411
#3	69.047	20.676	13.584	5.2139	4.9001

Int. Std.	Y_3710
Units	Cts/S
Avg	10184.
Stddev	80.
%RSD	.78328

#1	10109.
#2	10176.
#3	10268.

Sample Name: ICV Acquired: 9/20/2017 12:41:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.9917429	F 1.206965	1.047765	1.044492	1.006520	2.460225
Stddev	.0046578	.004112	.000600	.003524	.001666	.009430
%RSD	.4696559	.3406560	.0572461	.3373979	.1655320	.3832882

#1	.9961796	1.204584	1.048379	1.041616	1.008334	2.460282
#2	.9921574	1.204599	1.047180	1.043438	1.006170	2.450767
#3	.9868917	1.211713	1.047735	1.048423	1.005057	2.469626

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5276627	.4913567	.5044922	10.22949	F .5492501	.5040148
Stddev	.0009889	.0043769	.0018540	.06668	.0037498	.0019307
%RSD	.1874097	.8907835	.3674996	.6517992	.6827087	.3830587

#1	.5267691	.4874001	.5061018	10.15261	.5456238	.5049073
#2	.5274939	.4906116	.5024650	10.26436	.5490143	.5017993
#3	.5287251	.4960583	.5049098	10.27149	.5531122	.5053377

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5064278	F 5.781621	.5273795	6.462563	.5227143	F .4357484
Stddev	.0043786	.026544	.0031814	.039794	.0016843	.0011572
%RSD	.8645944	.4591060	.6032455	.6157642	.3222294	.2655711

#1	.5056262	5.756475	.5242872	6.473024	.5240865	.4345139
#2	.5025054	5.779018	.5272084	6.418584	.5208346	.4359226
#3	.5111517	5.809371	.5306431	6.496082	.5232218	.4368086

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21972	F .5524396	.9384495	9.664309	F -.022509	F -.007617
Stddev	.12115	.0068792	.0079018	.024327	.003537	.000707
%RSD	1.185496	1.245233	.8420044	.2517176	15.71566	9.277098

#1	10.16666	.5474371	.9455371	9.673937	-.023889	-.008333
#2	10.13414	.5495973	.9299295	9.636642	-.025148	-.006920
#3	10.35835	.5602845	.9398819	9.682349	-.018489	-.007599

Sample Name: ICV Acquired: 9/20/2017 12:41:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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 -.000558	-.005678	.0016633	F .0012837	-.000309	.0011410
Stddev	.000287	.001458	.0001844	.0005770	.000394	.0000039
%RSD	51.41227	25.67973	11.08534	44.94269	127.4515	.3378752

#1	-.000256	-.005045	.0014555	.0015238	.000133	.0011454
#2	-.000827	-.004643	.0018072	.0006255	-.000436	.0011387
#3	-.000591	-.007345	.0017272	.0017019	-.000625	.0011387

Elem	Sr4077
Units	ppm
Avg	.0059172
Stddev	.0000410
%RSD	.6931942

#1	.0058802
#2	.0059100
#3	.0059613

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	775.2016	1379.846	34480.84	11419.07	2777.240
Stddev	5.5365	.674	84.39	33.98	5.358
%RSD	.7142033	.0488491	.2447363	.2975336	.1929161

#1	770.1304	1380.143	34404.68	11445.62	2774.753
#2	774.3659	1380.321	34466.26	11430.82	2783.390
#3	781.1084	1379.075	34571.56	11380.79	2773.579

Sample Name: ICB Acquired: 9/20/2017 12:45:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0009261	.0056756	-.001653	.0001828	-.000497	.0033607	-.000038
Stddev	.0028719	.0005475	.001783	.0011129	.000591	.0021997	.000230
%RSD	310.1078	9.646269	107.8530	608.7811	118.9225	65.45194	598.5687

#1	-.000695	.0060585	-.003586	.0001576	.000159	.0008353	-.000276
#2	.004242	.0050485	-.000073	.0013081	-.000988	.0048583	.000182
#3	-.000768	.0059197	-.001301	-.000917	-.000663	.0043885	-.000020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	.0000179	-.006259	-.000347	-.000114	.0002057	-.008457
Stddev	.000052	.0000395	.006880	.000335	.000063	.0011134	.002352
%RSD	69.02602	220.2066	109.9277	96.69127	54.86721	541.1440	27.81002

#1	-.000027	.0000371	.001675	-.000456	-.000066	.0013357	-.005815
#2	-.000069	.0000442	-.010583	.000030	-.000092	.0001719	-.010321
#3	-.000131	-.000028	-.009869	-.000613	-.000185	-.000890	-.009236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002438	.0137702	-.000465	-.000156	-.059807	-.000422	-.000181
Stddev	.0000712	.0032289	.000464	.000192	.039179	.002212	.000186
%RSD	29.21122	23.44836	99.85935	123.0184	65.50881	524.4915	102.5378

#1	.0001636	.0104318	.000038	.000065	-.075898	-.000674	-.000045
#2	.0002681	.0140018	-.000876	-.000260	-.015145	-.002497	-.000393
#3	.0002997	.0168771	-.000557	-.000273	-.088378	.001906	-.000106

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002459	-.001422	.0036798	-.000131	-.005667	-.001928	.0000950
Stddev	.012258	.002477	.0004169	.000345	.004207	.000420	.0009078
%RSD	498.3968	174.1932	11.32880	263.1318	74.23040	21.80675	955.7322

#1	-.015552	-.004241	.0041136	-.000391	-.003075	-.001442	-.000711
#2	-.000570	.000409	.0032822	.000261	-.010521	-.002169	-.000083
#3	.008744	-.000434	.0036437	-.000263	-.003405	-.002172	.001078

Sample Name: ICB Acquired: 9/20/2017 12:45:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0001091	.0003504	-.000110
Stddev	.0007027	.0001523	.000003
%RSD	644.0950	43.47390	2.872492

#1	-.000045	.0003075	-.000108
#2	-.000504	.0002241	-.000109
#3	.000876	.0005196	-.000114

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	803.3885	1415.633	35051.52	11360.36	2934.320
Stddev	4.5453	4.691	47.90	61.37	9.314
%RSD	.5657637	.3313572	.1366662	.5402120	.3174242

#1	798.3295	1412.442	34996.43	11293.83	2925.798
#2	804.7079	1421.019	35083.37	11372.50	2944.264
#3	807.1281	1413.437	35074.77	11414.75	2932.899

Sample Name: IC5A Acquired: 9/20/2017 12:49:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: IC5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0109383	-.020918	.0004034	-.006053	.0088433	247.4757
Stddev	.0054444	.001511	.0036095	.006419	.0017558	1.0696
%RSD	49.77370	7.222288	894.8702	106.0462	19.85436	.4321949

#1	.0171215	-.020458	-.003488	-.003777	.0076136	248.6590
#2	.0088301	-.019690	.003641	-.013300	.0080622	247.1905
#3	.0068632	-.022605	.001057	-.001082	.0108540	246.5777

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115234	.0011686	.0039966	259.0126	.0528971	.0005308
Stddev	.0000328	.0001241	.0000174	1.8304	.0006116	.0005126
%RSD	.2850780	10.62199	.4352094	.7066739	1.156164	96.57250

#1	.0115362	.0012607	.0039952	256.9892	.0531824	-.000060
#2	.0114861	.0012176	.0039800	260.5532	.0533139	.000789
#3	.0115479	.0010274	.0040147	259.4955	.0521950	.000863

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225406	106.7757	.0167005	273.4873	.0040516	.0033617
Stddev	.0006966	.2817	.0005084	1.1660	.0006066	.0002128
%RSD	3.090495	.2638060	3.044365	.4263450	14.97190	6.329236

#1	.0218936	106.6391	.0162816	273.7733	.0034624	.0034248
#2	.0224500	107.0996	.0165538	274.4837	.0040183	.0031245
#3	.0232780	106.5883	.0172662	272.2049	.0046742	.0035358

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4369036	.0004952	.0034552	-.091936	-.007002	F -.288723
Stddev	.0884678	.0017024	.0037758	.025372	.004092	.000556
%RSD	20.24881	343.8198	109.2789	27.59714	58.43862	.1926293

#1	.4497301	.0001047	.0076414	-.090374	-.002282	-.288084
#2	.5182579	-.000978	.0024176	-.118053	-.009542	-.288990
#3	.3427227	.002359	.0003067	-.067382	-.009182	-.289096

Sample Name: ICSA Acquired: 9/20/2017 12:49:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0025774	.0165495	.0001007	.0024692	.0029060	.0041578
Stddev	.0003328	.0048719	.0015907	.0016847	.0006632	.0000971
%RSD	12.91093	29.43821	1580.247	68.22639	22.82172	2.335385

#1	.0022392	.0157442	-.000000	.0043602	.0035586	.0042697
#2	.0029044	.0217738	.001739	.0019188	.0029267	.0040955
#3	.0025885	.0121304	-.001437	.0011286	.0022327	.0041082

Elem	Sr4077
Units	ppm
Avg	.0516424
Stddev	.0002662
%RSD	.5154213

#1	.0519249
#2	.0516060
#3	.0513962

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	697.5240	1226.903	30417.14	10456.52	2176.527
Stddev	5.2447	.224	24.97	53.64	3.393
%RSD	.7519009	.0182647	.0820981	.5129891	.1558838

#1	691.6733	1226.727	30389.38	10466.85	2172.616
#2	699.0949	1227.155	30424.25	10398.47	2178.277
#3	701.8036	1226.826	30437.78	10504.25	2178.687

Sample Name: ICSAB Acquired: 9/20/2017 12:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.1011699	.1031924	.0573669	.0359987	.5874258	244.5597
Stddev	.0049332	.0029422	.0015776	.0033042	.0044698	.5068
%RSD	4.876113	2.851194	2.749923	9.178572	.7609100	.2072113

#1	.0984086	.0998061	.0557871	.0394615	.5826436	244.6806
#2	.1068653	.1051235	.0589422	.0356544	.5881354	244.9951
#3	.0982357	.1046475	.0573716	.0328801	.5914982	244.0035

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5139812	.4829200	1.009973	252.6517	.5560898	.4996473
Stddev	.0015718	.0016726	.014313	.5385	.0014046	.0061349
%RSD	.3058030	.3463589	1.417131	.2131501	.2525948	1.227849

#1	.5148462	.4837164	.993454	253.1125	.5546605	.4926201
#2	.5149306	.4809980	1.017800	252.7829	.5561404	.5023858
#3	.5121670	.4840456	1.018665	252.0597	.5574684	.5039362

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5160157	105.0089	.5242318	269.2728	1.017348	.1944968
Stddev	.0019997	.3412	.0012381	.6411	.012264	.0006026
%RSD	.3875358	.3249274	.2361804	.2381026	1.205457	.3098189

#1	.5182878	104.6475	.5253743	268.5380	1.003379	.1947957
#2	.5152357	105.3255	.5244047	269.5619	1.022325	.1948914
#3	.5145234	105.0535	.5229162	269.7184	1.026342	.1938032

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5532002	.5135808	.9369287	-.203743	-.030163	F -.288442
Stddev	.0171078	.0035022	.0052866	.005083	.002073	.001241
%RSD	3.092506	.6819205	.5642422	2.494777	6.873085	.4301207

#1	.5559037	.5111262	.9308838	-.199514	-.029975	-.287390
#2	.5687953	.5120248	.9406870	-.209382	-.032323	-.288126
#3	.5349017	.5175914	.9392155	-.202332	-.028190	-.289810

Sample Name: ICSAB Acquired: 9/20/2017 12:54:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0031021	.0097725	.0010719	.0052032	.0033996	.0048065
Stddev	.0001199	.0074081	.0011549	.0019784	.0004659	.0000818
%RSD	3.863766	75.80485	107.7354	38.02296	13.70446	1.701772

#1	.0032404	.0027299	.0021734	.0065301	.0028965	.0049009
#2	.0030276	.0090890	.0011722	.0029293	.0034863	.0047559
#3	.0030383	.0174987	-.000130	.0061502	.0038161	.0047628

Elem	Sr4077
Units	ppm
Avg	.0522977
Stddev	.0001643
%RSD	.3141054

#1	.0522969
#2	.0524624
#3	.0521339

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	712.4514	1253.382	31274.50	10780.49	2234.016
Stddev	2.2161	7.107	88.63	37.45	14.313
%RSD	.3110492	.5670625	.2833989	.3474080	.6406877

#1	710.1357	1261.431	31227.60	10747.63	2250.530
#2	712.6664	1250.747	31219.17	10821.27	2225.165
#3	714.5521	1247.968	31376.72	10772.58	2226.355

Sample Name: CCV067 Acquired: 9/20/2017 12:58:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.941160	4.734669	24.01002	4.907309	4.988353	403.8939
Stddev	.008441	.030424	.13198	.013155	.013611	2.3215
%RSD	.1708332	.6425848	.5496933	.2680673	.2728580	.5747765

#1	4.941254	4.700816	23.94462	4.892120	4.982498	405.9511
#2	4.949554	4.743464	23.92351	4.914745	4.978648	404.3538
#3	4.932672	4.759727	24.16193	4.915062	5.003912	401.3769

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.947925	.5033592	2.490714	403.5518	15.21826	2.471599
Stddev	.060469	.0008429	.011244	.5826	.02741	.013491
%RSD	.6078564	.1674539	.4514493	.1443795	.1800921	.5458343

#1	9.884090	.5043298	2.488366	402.8930	15.20342	2.469237
#2	9.955340	.5028116	2.480830	403.9995	15.20147	2.459446
#3	10.00434	.5029363	2.502947	403.7628	15.24988	2.486115

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.22611	412.3928	14.76807	409.7577	2.457865	1.307427
Stddev	.04730	1.1515	.02608	.9060	.010127	.003910
%RSD	.3106760	.2792316	.1765855	.2211098	.4120131	.2990872

#1	15.26775	411.1627	14.73811	409.0474	2.450718	1.308996
#2	15.23589	412.5709	14.78568	409.4476	2.453424	1.302975
#3	15.17467	413.4450	14.78042	410.7780	2.469454	1.310308

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	403.0579	2.463756	15.25541	151.9749	F .5042538	F 4.085541
Stddev	.6892	.009692	.01947	.6723	.0089525	.015363
%RSD	.1709901	.3933835	.1276498	.4423973	1.775388	.3760408

#1	403.8285	2.459845	15.23943	152.6839	.4941600	4.078862
#2	402.8448	2.456630	15.24969	151.8943	.5112329	4.074647
#3	402.5005	2.474792	15.27710	151.3465	.5073684	4.103113

Sample Name: CCV067 Acquired: 9/20/2017 12:58:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.952690	5.056389	4.881424	4.955303	4.940161	2.977952
Stddev	.013967	.021760	.003465	.025721	.003488	.013304
%RSD	.2820075	.4303433	.0709932	.5190643	.0706047	.4467630

#1	4.945573	5.048897	4.877423	4.931597	4.941181	2.992764
#2	4.943715	5.039364	4.883500	4.951661	4.936277	2.974074
#3	4.968782	5.080904	4.883348	4.982651	4.943026	2.967017

Elem	Sr4077
Units	ppm
Avg	2.995289
Stddev	.009070
%RSD	.3028104

#1	3.003866
#2	2.996205
#3	2.985796

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	620.0083	1107.186	28571.63	10241.45	1878.647
Stddev	2.4456	2.701	64.53	25.25	6.317
%RSD	.3944482	.2439420	.2258675	.2465301	.3362709

#1	619.0226	1109.999	28599.98	10222.08	1882.678
#2	618.2094	1106.948	28497.77	10232.26	1881.897
#3	622.7930	1104.613	28617.13	10270.00	1871.367

Sample Name: CCB067 Acquired: 9/20/2017 13:02:32 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001184	.0075159	.0007763	-.002220	.0003812	.0254650	.0003752
Stddev	.004983	.0012979	.0008047	.001940	.0021675	.0016234	.0007457
%RSD	420.9705	17.26838	103.6525	87.41188	568.5326	6.375144	198.7705

#1	-.006111	.0069666	.0006908	-.000091	.0016794	.0236508	.0003690
#2	-.001295	.0089981	.0016203	-.003890	-.002121	.0259635	-.000367
#3	.003854	.0065829	.0000178	-.002678	.001585	.0267808	.001124

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	.0001316	.0302648	.0004005	.0002549	.0009146	.0221688
Stddev	.000030	.0000264	.0087510	.0001679	.0002166	.0008973	.0065669
%RSD	67.69966	20.06364	28.91483	41.93694	84.95362	98.11015	29.62229

#1	-.000010	.0001613	.0358677	.0004005	.0003611	.0019214	.0155815
#2	-.000066	.0001227	.0201808	.0002325	.0003979	.0001991	.0287151
#3	-.000058	.0001108	.0347460	.0005684	.0000058	.0006233	.0222098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010379	.0374547	.0000410	.0001227	-.005450	-.001609	.0030935
Stddev	.0004089	.0100342	.0002406	.0000838	.043415	.000946	.0004636
%RSD	39.39957	26.79012	587.1626	68.24284	796.5890	58.80225	14.98551

#1	.0009471	.0264873	.0001721	.0002034	.027248	-.000603	.0029069
#2	.0014847	.0397022	.0001876	.0000362	.011110	-.001744	.0027524
#3	.0006821	.0461744	-.000237	.0001287	-.054707	-.002481	.0036213

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087138	-.002931	.0083047	.0004357	-.003729	-.000783	-.000161
Stddev	.0366325	.002756	.0012280	.0001446	.000749	.000129	.000374
%RSD	420.3965	94.03865	14.78711	33.18122	20.09058	16.51145	232.0828

#1	.0367635	-.000075	.0097088	.0005193	-.003738	-.000818	-.000574
#2	.0221088	-.005575	.0077745	.0002688	-.002975	-.000892	-.000066
#3	-.032731	-.003143	.0074309	.0005191	-.004473	-.000640	.000156

Sample Name: CCB067 Acquired: 9/20/2017 13:02:32 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB067 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008403	.0006190	.0001144
Stddev	.0006183	.0001028	.0000150
%RSD	73.58208	16.60694	13.13422

#1	.0003325	.0006908	.0001152
#2	.0015288	.0005012	.0001291
#3	.0006596	.0006649	.0000990

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	795.3516	1407.536	34649.14	11262.84	2906.482
Stddev	10.4802	6.267	233.70	182.50	4.834
%RSD	1.317684	.4452758	.6744889	1.620345	.1663086

#1	799.5552	1400.827	34767.30	11132.85	2902.358
#2	803.0775	1408.543	34800.17	11184.20	2905.288
#3	783.4222	1413.240	34379.95	11471.48	2911.801

Sample Name: PB102433BL Acquired: 9/20/2017 13:06:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	-.000174	.0037767	-.000991	-.003959	.0004247	.0632605	.0007282
Stddev	.002740	.0030671	.001034	.003606	.0014708	.1099482	.0011567
%RSD	1573.875	81.21043	104.3657	91.09251	346.3224	173.8024	158.8320

#1	-.002493	.0046584	-.000575	-.007580	-.000378	.1902171	.0020639
#2	.002849	.0063063	-.000229	-.003928	-.000470	-.000567	.0000623
#3	-.000879	.0003654	-.002168	-.000368	.002122	.000132	.0000585

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000078	-.000083	-.000273	-.000956	.0002015	.0006966	.0251802
Stddev	.000059	.000099	.014385	.000417	.0002636	.0021696	.0561014
%RSD	75.83693	119.5804	5259.722	43.63903	130.8183	311.4339	222.7995

#1	-.000010	.000008	.015337	-.000608	-.000077	.0031960	.0899414
#2	-.000114	-.000188	-.012995	-.000842	.000234	-.000405	-.008566
#3	-.000112	-.000067	-.003163	-.001419	.000448	-.000701	-.005835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012669	.0480579	-.000356	-.000116	-.013100	-.002159	.0004117
Stddev	.0018733	.0334900	.000203	.000218	.057215	.001253	.0006932
%RSD	147.8656	69.68676	57.13496	188.6059	436.7473	58.03568	168.4017

#1	.0034232	.0860750	-.000404	-.000358	.052738	-.001070	.0005245
#2	.0000410	.0229173	-.000133	-.000053	-.050769	-.001878	-.000331
#3	.0003364	.0351814	-.000531	.000064	-.041270	-.003529	.001042

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028608	-.002291	.0026662	.0000973	-.003420	-.001576	.0001509
Stddev	.0219361	.001776	.0001450	.0002844	.003308	.000220	.0005266
%RSD	766.7944	77.53013	5.436794	292.3314	96.74016	13.96446	349.0630

#1	.0068344	-.003031	.0026243	.0004166	-.006977	-.001322	.0006311
#2	-.020791	-.003579	.0025468	-.000129	-.000435	-.001711	-.000412
#3	.022538	-.000265	.0028275	.000004	-.002847	-.001695	.000234

Sample Name: PB102433BL Acquired: 9/20/2017 13:06:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0004232	-.000047	-.000064
Stddev	.0004668	.000123	.000050
%RSD	110.3208	262.9958	77.63062

#1	.0008967	.000067	-.000007
#2	.0004094	-.000030	-.000088
#3	-.000037	-.000178	-.000098

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	798.0137	1407.487	34791.22	11180.64	2905.172
Stddev	.9153	6.133	29.20	26.55	7.126
%RSD	.1147017	.4357466	.0839225	.2375025	.2452829

#1	796.9573	1403.479	34813.24	11204.83	2901.436
#2	798.5715	1414.547	34758.10	11152.23	2913.389
#3	798.5122	1404.434	34802.33	11184.88	2900.690

Sample Name: PB102433BS Acquired: 9/20/2017 13:10:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0194054	F .0658520	.0206917	.0752446	.1214367	.3990969
Stddev	.0031249	.0042288	.0009673	.0036922	.0013736	.0070696
%RSD	16.10335	6.421707	4.674778	4.906880	1.131151	1.771408

#1	.0229990	.0707135	.0206732	.0773240	.1213366	.4040114
#2	.0178901	.0630248	.0216681	.0709816	.1201159	.4022845
#3	.0173270	.0638177	.0197338	.0774280	.1228577	.3909947

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3386886	.0120582	.0114005	10.06776	.0233855	.0983370
Stddev	.0004951	.0000773	.0001401	.02245	.0002643	.0005621
%RSD	.1461814	.6410221	1.228974	.2230164	1.129982	.5715849

#1	.3385707	.0119805	.0114738	10.04986	.0234882	.0989484
#2	.3392320	.0121350	.0112389	10.06047	.0235829	.0978427
#3	.3382630	.0120590	.0114888	10.09295	.0230853	.0982200

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523296	.2360650	.0327278	10.59025	.0831364	.0201155
Stddev	.0010268	.0039419	.0002208	.05177	.0005736	.0002552
%RSD	1.962194	1.669824	.6746872	.4888752	.6899370	1.268798

#1	.0535103	.2315315	.0329818	10.58614	.0827799	.0202303
#2	.0518335	.2379789	.0326198	10.64395	.0837981	.0202932
#3	.0516450	.2386844	.0325818	10.54065	.0828313	.0198230

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.906024	.1068458	.1127381	9.540858	.0222246	F .0268730
Stddev	.074256	.0002293	.0024384	.063811	.0013192	.0014225
%RSD	.7496063	.2145899	2.162894	.6688135	5.935708	5.293268

#1	9.834770	.1067896	.1143537	9.607102	.0226974	.0262415
#2	9.982956	.1066499	.1099332	9.535675	.0232422	.0258756
#3	9.900345	.1070980	.1139272	9.479797	.0207341	.0285018

Sample Name: PB102433BS Acquired: 9/20/2017 13:10:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0226979	.1754176	.2005032	F .0157470	.2041235	.0451712
Stddev	.0002715	.0026399	.0004130	.0013569	.0005607	.0002234
%RSD	1.195908	1.504913	.2059850	8.616965	.2746708	.4945677

#1	.0224470	.1744744	.2007073	.0165399	.2045208	.0453443
#2	.0226606	.1733789	.2000279	.0165210	.2043676	.0449190
#3	.0229860	.1783995	.2007745	.0141803	.2034822	.0452502

Elem	Sr4077
Units	ppm
Avg	.1078270
Stddev	.0002321
%RSD	.2152245

#1	.1077954
#2	.1080733
#3	.1076124

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	778.1689	1372.135	33740.50	11112.28	2745.691
Stddev	6.6251	3.658	124.98	20.09	5.914
%RSD	.8513683	.2666265	.3704257	.1807799	.2154070

#1	780.8264	1368.243	33649.67	11090.29	2738.990
#2	770.6277	1372.660	33688.79	11116.88	2747.898
#3	783.0527	1375.503	33883.04	11129.67	2750.184

Sample Name: I5287-01 Acquired: 9/20/2017 13:15:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3F5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038629	-.011894	.0078629	.0063632	-.005982	2.066514	.0254394
Stddev	.0027570	.002358	.0003967	.0013185	.000978	.014703	.0000677
%RSD	71.37164	19.82046	5.044718	20.72086	16.35238	.7114928	.2662935

#1	.0059220	-.011464	.0074265	.0065243	-.005768	2.072971	.0253617
#2	.0049359	-.014438	.0079606	.0075937	-.007049	2.049688	.0254863
#3	.0007307	-.009782	.0082015	.0049715	-.005128	2.076884	.0254701

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004579	.0007685	.4427226	5.114376	.0103871	.0353088	53.36802
Stddev	.0001250	.0001908	.0063165	.016912	.0000948	.0016182	.15085
%RSD	27.29258	24.82479	1.426736	.3306757	.9126701	4.582887	.2826570

#1	.0004562	.0009657	.4354873	5.097763	.0102899	.0348862	53.19412
#2	.0005837	.0007549	.4455429	5.131572	.0104793	.0339439	53.44620
#3	.0003338	.0005849	.4471377	5.113793	.0103921	.0370964	53.46372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3425018	.4681394	.0395419	.0015413	.5337446	.0188002	.0760079
Stddev	.0016927	.0296978	.0005766	.0001788	.0356013	.0010415	.0028062
%RSD	.4942202	6.343794	1.458329	11.59759	6.670102	5.539892	3.691956

#1	.3407107	.4692445	.0399856	.0015440	.4926631	.0196742	.0770470
#2	.3440750	.4972693	.0397499	.0017187	.5529861	.0190786	.0781463
#3	.3427197	.4379046	.0388901	.0013612	.5555845	.0176478	.0728304

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.260391	.1113686	-.141218	.0013332	.1048744	1.688913	.0081039
Stddev	.010821	.0017250	.001472	.0003195	.0046531	.044355	.0004211
%RSD	4.155848	1.548882	1.042587	23.96299	4.436868	2.626240	5.195637

#1	-.247935	.1121989	-.142030	.0011362	.1045178	1.638929	.0077453
#2	-.265754	.1125214	-.142106	.0017018	.1004098	1.704234	.0079989
#3	-.267483	.1093855	-.139519	.0011616	.1096955	1.723577	.0085675

Sample Name: I5287-01 Acquired: 9/20/2017 13:15:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3F5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0680466	.0002120	.0028691
Stddev	.0000452	.0002571	.0000243
%RSD	.0664708	121.2348	.8466096

#1	.0680593	-.000029	.0028453
#2	.0680841	.000483	.0028682
#3	.0679963	.000182	.0028938

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	779.5086	1383.465	35794.02	11620.50	2870.102
Stddev	1.8137	8.486	135.62	19.03	12.862
%RSD	.2326714	.6134211	.3788999	.1637781	.4481419

#1	778.2236	1373.705	35666.33	11600.17	2856.203
#2	781.5833	1387.586	35936.38	11637.90	2872.519
#3	778.7190	1389.104	35779.35	11623.42	2881.584

Sample Name: I5287-02 Acquired: 9/20/2017 13:19:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3F6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003407	-.009579	.0084388	.0061743	-.006599	1.918646	.0247134
Stddev	.0039602	.001118	.0012750	.0037290	.001367	.005454	.0004120
%RSD	1162.323	11.66935	15.10815	60.39523	20.70976	.2842818	1.667245

#1	-.003444	-.008305	.0094597	.0027694	-.007236	1.913051	.0244734
#2	.004456	-.010038	.0070098	.0101594	-.005030	1.918938	.0251892
#3	.000011	-.010395	.0088470	.0055942	-.007532	1.923948	.0244777

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004307	.0008081	.4453900	5.309376	.0113597	.0352579	54.93478
Stddev	.0000999	.0001518	.0200140	.007984	.0001534	.0007430	.12523
%RSD	23.18766	18.78029	4.493586	.1503742	1.350027	2.107211	.2279682

#1	.0004533	.0008596	.4282172	5.305808	.0115222	.0352262	54.83882
#2	.0005174	.0006373	.4405831	5.318522	.0113394	.0345313	54.88908
#3	.0003215	.0009274	.4673697	5.303799	.0112175	.0360162	55.07645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3491148	.4904452	.0414080	.0016950	.6334616	.0172416	.0785438
Stddev	.0011984	.0068841	.0003435	.0002275	.0428531	.0011982	.0020909
%RSD	.3432684	1.403646	.8295648	13.42142	6.764908	6.949641	2.662039

#1	.3484395	.4965033	.0417627	.0019028	.6773153	.0182232	.0761737
#2	.3484064	.4829591	.0410769	.0014520	.6313847	.0175954	.0793304
#3	.3504984	.4918732	.0413845	.0017303	.5916847	.0159064	.0801272

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.305681	.1126309	-.147403	.0016535	.1147394	1.903813	.0068296
Stddev	.011924	.0027972	.001349	.0001726	.0024913	.019944	.0014570
%RSD	3.900925	2.483461	.9148950	10.44044	2.171264	1.047597	21.33303

#1	-.318915	.1157253	-.148887	.0016007	.1162668	1.901584	.0080127
#2	-.295772	.1102821	-.147071	.0018464	.1160868	1.885077	.0072740
#3	-.302356	.1118855	-.146252	.0015135	.1118645	1.924778	.0052022

Sample Name: I5287-02 Acquired: 9/20/2017 13:19:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3F6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0622629	.0002795	.0027558
Stddev	.0004875	.0001288	.0000077
%RSD	.7830185	46.08138	.2781810

#1	.0628048	.0001312	.0027493
#2	.0621239	.0003435	.0027538
#3	.0618600	.0003638	.0027643

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	783.8057	1392.198	36025.96	11704.72	2882.659
Stddev	3.4597	3.378	52.50	23.26	6.840
%RSD	.4414038	.2426425	.1457159	.1987423	.2372858

#1	784.2714	1389.483	35968.96	11709.90	2882.761
#2	787.0090	1391.129	36036.59	11724.95	2875.768
#3	780.1367	1395.981	36072.33	11679.30	2889.447

Sample Name: I5287-05 Acquired: 9/20/2017 13:23:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3J1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0588934	-.044633	.8145452	-.008224	.0076742	115.0473	.9342180
Stddev	.0058459	.000148	.0062646	.001644	.0027320	.1909	.0020144
%RSD	9.926286	.3308065	.7690914	19.98941	35.60014	.1659392	.2156289

#1	.0592583	-.044762	.8157323	-.007598	.0083091	115.2653	.9354128
#2	.0645483	-.044472	.8077720	-.006984	.0046807	114.9096	.9353491
#3	.0528735	-.044666	.8201313	-.010088	.0100330	114.9671	.9318922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084323	.0139638	18.09240	1.523714	.1046914	.3315896	254.1871
Stddev	.0001194	.0002123	.19847	.001379	.0007374	.0006946	.7459
%RSD	1.415719	1.520403	1.096993	.0905130	.7043499	.2094818	.2934311

#1	.0084641	.0137188	17.91872	1.522603	.1053904	.3323254	253.9258
#2	.0083003	.0140806	18.04975	1.525258	.1039208	.3309452	253.6069
#3	.0085326	.0140921	18.30873	1.523283	.1047629	.3314983	255.0284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.969966	29.81953	.2282449	.0101857	2.056489	.3476947	1.203275
Stddev	.024087	.05207	.0006310	.0006037	.115656	.0014171	.007002
%RSD	.6067304	.1746051	.2764552	5.926533	5.623949	.4075584	.5818982

#1	3.943012	29.85508	.2275230	.0095897	1.985145	.3460823	1.199472
#2	3.977506	29.75977	.2286914	.0101705	2.189930	.3487423	1.198999
#3	3.989382	29.84375	.2285202	.0107968	1.994392	.3482595	1.211356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.94945	4.439380	-.667828	.0040098	1.406324	3.840550	.0444969
Stddev	.01665	.061660	.003719	.0005964	.021807	.008058	.0016854
%RSD	.1520255	1.388943	.5568140	14.87417	1.550648	.2098067	3.787694

#1	10.95837	4.382116	-.664328	.0033931	1.388900	3.831254	.0464051
#2	10.95974	4.431370	-.671732	.0045836	1.399292	3.845535	.0438740
#3	10.93025	4.504654	-.667423	.0040526	1.430779	3.844861	.0432117

Sample Name: I5287-05 Acquired: 9/20/2017 13:23:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3J1 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.602788	.0566762	.0586545
Stddev	.005161	.0001581	.0000364
%RSD	.1432486	.2789897	.0621428

#1	3.604320	.0568578	.0586310
#2	3.597035	.0565695	.0586965
#3	3.607010	.0566012	.0586360

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	852.8606	1498.888	38336.72	12842.04	2515.076
Stddev	5.0190	2.614	132.85	24.81	1.525
%RSD	.5884945	.1744070	.3465215	.1932326	.0606160

#1	855.0408	1501.587	38196.97	12865.31	2516.831
#2	856.4209	1496.367	38461.37	12815.93	2514.086
#3	847.1202	1498.711	38351.83	12844.88	2514.309

Sample Name: I5287-06 Acquired: 9/20/2017 13:27:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3J2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547560	-.043085	.7057199	-.005408	.0047561	110.4982	.8664277
Stddev	.0019893	.003519	.0052597	.002158	.0010311	.1564	.0007603
%RSD	3.633089	8.167422	.7453023	39.90961	21.67915	.1415504	.0877467

#1	.0524595	-.041069	.7111568	-.005285	.0037417	110.5278	.8657471
#2	.0559514	-.047148	.7053455	-.007625	.0058031	110.6377	.8672482
#3	.0558570	-.041037	.7006573	-.003314	.0047234	110.3291	.8662878

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076774	.0123047	16.75327	1.377576	.0939573	.3018343	232.0527
Stddev	.0000657	.0005793	.00828	.003034	.0001753	.0015455	.6021
%RSD	.8555333	4.708342	.0494136	.2202466	.1865869	.5120329	.2594537

#1	.0076585	.0118123	16.74384	1.380500	.0937612	.3026720	232.5046
#2	.0076234	.0121588	16.75664	1.374443	.0940986	.3027802	232.2843
#3	.0077505	.0129431	16.75934	1.377786	.0940123	.3000508	231.3692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.640616	27.62968	.1984884	.0091008	1.952364	.3268310	1.101531
Stddev	.007353	.06515	.0006428	.0001087	.152695	.0017683	.012580
%RSD	.2019643	.2358100	.3238606	1.193892	7.821040	.5410377	1.142089

#1	3.640616	27.69188	.1980294	.0091007	1.891037	.3247941	1.114906
#2	3.633263	27.56193	.1992230	.0089922	2.126189	.3279724	1.089935
#3	3.647969	27.63523	.1982126	.0092096	1.839867	.3277265	1.099752

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.74212	4.016256	-.600400	.0033849	1.094412	4.386958	.0413294
Stddev	.02752	.035356	.002049	.0002534	.010713	.027884	.0028168
%RSD	.2562292	.8803257	.3412133	7.487203	.9788371	.6356180	6.815420

#1	10.72860	4.001051	-.598051	.0031069	1.085469	4.387504	.0409238
#2	10.77379	4.056671	-.601820	.0034445	1.106284	4.414565	.0387374
#3	10.72398	3.991046	-.601328	.0036032	1.091482	4.358805	.0443269

Sample Name: I5287-06 Acquired: 9/20/2017 13:27:24 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3J2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.646471	.0540855	.0546546
Stddev	.005092	.0002184	.0000569
%RSD	.1396305	.4038129	.1040718

#1	3.643162	.0540430	.0545940
#2	3.652334	.0538914	.0547068
#3	3.643917	.0543220	.0546631

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	845.1072	1509.082	38061.24	12752.36	2555.443
Stddev	6.6665	2.091	92.90	65.16	5.701
%RSD	.7888342	.1385868	.2440780	.5109388	.2231029

#1	837.6884	1506.703	37956.40	12706.91	2549.257
#2	847.0378	1509.908	38093.99	12723.17	2556.584
#3	850.5952	1510.633	38133.33	12827.01	2560.487

Sample Name: PB102448BL Acquired: 9/20/2017 13:31:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001852	.0009597	-.000796	-.004015	-.000002	F .2838176
Stddev	.002980	.0005172	.000342	.001626	.000822	.0021050
%RSD	160.8982	53.89419	42.91686	40.48927	42614.17	.7416854

#1	.000043	.0012095	-.001113	-.003361	-.000545	.2814658
#2	-.005287	.0003650	-.000840	-.005866	.000943	.2855254
#3	-.000313	.0013047	-.000434	-.002818	-.000404	.2844616

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011083	-.000081	.0000127	.0117763	.0040037	.0003255
Stddev	.0002015	.000063	.0000433	.0089710	.0011637	.0000809
%RSD	18.17824	77.39774	340.5597	76.17846	29.06571	24.84876

#1	.0013184	-.000030	.0000623	.0110152	.0052005	.0002664
#2	.0010896	-.000152	-.000018	.0211035	.0028762	.0004177
#3	.0009168	-.000062	-.000006	.0032100	.0039345	.0002924

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008318	F .7703505	.0119862	.0664516	-.000077	-.000200
Stddev	.0004239	.0030580	.0000923	.0153409	.000086	.000298
%RSD	50.96538	.3969612	.7698098	23.08583	112.2410	148.5949

#1	.0013212	.7687299	.0120910	.0490301	-.000102	-.000444
#2	.0005952	.7738778	.0119170	.0723853	-.000147	-.000288
#3	.0005789	.7684440	.0119506	.0779393	.000019	.000131

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045106	.0018940	.0016642	-.012983	.0075323	-.002665
Stddev	.155798	.0017025	.0004518	.009612	.0023934	.000453
%RSD	345.4056	89.88608	27.14565	74.03969	31.77471	16.99112

#1	-.015104	.0034127	.0015125	-.013334	.0096331	-.002142
#2	.093510	.0000537	.0021723	-.022415	.0080371	-.002922
#3	-.213724	.0022157	.0013078	-.003200	.0049269	-.002930

Sample Name: PB102448BL Acquired: 9/20/2017 13:31:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBS002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000151	-.001820	.0113173	-.000984	.0060363	-.000116
Stddev	.000292	.002568	.0006286	.001207	.0006306	.000065
%RSD	193.2837	141.1371	5.554182	122.5865	10.44650	55.48216

#1	-.000096	-.002372	.0106946	-.000746	.0058561	-.000089
#2	.000110	-.004067	.0113057	.000085	.0055155	-.000190
#3	-.000467	.000980	.0119516	-.002293	.0067374	-.000070

Elem	Sr4077
Units	ppm
Avg	-.000011
Stddev	.000009
%RSD	80.16968

#1	-.000016
#2	-.000001
#3	-.000017

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	812.4483	1434.529	35279.21	11240.71	2927.994
Stddev	5.9968	7.051	64.55	43.11	3.461
%RSD	.7381172	.4915166	.1829829	.3835559	.1182104

#1	818.4288	1430.593	35226.16	11198.50	2924.208
#2	806.4353	1442.669	35260.40	11238.95	2930.996
#3	812.4808	1430.324	35351.08	11284.67	2928.779

Sample Name: I5284-12 Acquired: 9/20/2017 13:39:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3A6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554583	-.036146	2.233359	-.001580	.0060525	103.1379	1.343344
Stddev	.0033231	.004495	.000227	.004041	.0001888	.3347	.006634
%RSD	5.992065	12.43679	.0101632	255.7973	3.119498	.3245184	.4938130

#1	.0589802	-.034273	2.233335	-.000137	.0058443	103.0688	1.340029
#2	.0523783	-.032891	2.233597	-.006144	.0062126	103.5018	1.350982
#3	.0550165	-.041275	2.233145	.001542	.0061005	102.8431	1.339022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081779	.0128853	11.95324	1.811095	.0890357	.3822501	205.8571
Stddev	.0000130	.0001856	.10336	.010963	.0001828	.0011509	.7159
%RSD	.1593308	1.440028	.8646967	.6053130	.2053422	.3010807	.3477633

#1	.0081683	.0130874	11.89159	1.809308	.0888501	.3817644	206.5343
#2	.0081928	.0127227	11.89556	1.801136	.0892156	.3835642	205.1079
#3	.0081728	.0128456	12.07257	1.822842	.0890414	.3814216	205.9292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.862983	19.21977	.1902350	.0081561	1.959843	.3001340	1.619733
Stddev	.007051	.01666	.0012236	.0001321	.028829	.0028354	.016918
%RSD	.1825291	.0866614	.6432073	1.619460	1.470995	.9447208	1.044467

#1	3.856017	19.22169	.1889025	.0080304	1.985619	.2968601	1.604480
#2	3.862818	19.23539	.1904946	.0082938	1.928712	.3017400	1.616792
#3	3.870116	19.20224	.1913080	.0081440	1.965200	.3018018	1.637929

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.972573	5.106924	-.538374	.0054616	1.238568	4.304465	.0711600
Stddev	.069380	.025075	.002643	.0005051	.012981	.015202	.0034232
%RSD	.8702389	.4910024	.4908493	9.248991	1.048030	.3531615	4.810627

#1	7.931770	5.084688	-.541315	.0048797	1.224140	4.321563	.0751128
#2	8.052682	5.134102	-.537606	.0057871	1.249298	4.292477	.0691696
#3	7.933267	5.101981	-.536200	.0057181	1.242267	4.299354	.0691976

Sample Name: I5284-12 Acquired: 9/20/2017 13:39:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3A6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.345187	.0504734	.0719878
Stddev	.010377	.0003709	.0002071
%RSD	.4424917	.7348570	.2876907

#1	2.349607	.0502931	.0720836
#2	2.352622	.0509000	.0721296
#3	2.333332	.0502271	.0717501

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	884.2736	1561.215	39619.31	13207.04	2555.115
Stddev	4.4646	1.127	148.45	76.23	2.465
%RSD	.5048899	.0721714	.3746877	.5771577	.0964830

#1	885.4889	1560.703	39587.14	13122.78	2554.086
#2	888.0048	1562.506	39781.20	13227.11	2557.928
#3	879.3272	1560.435	39489.58	13271.22	2553.330

Sample Name: I5284-13 Acquired: 9/20/2017 13:43:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3A7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0390820	-.037500	1.485004	-.003104	.0074054	105.3686	1.117201
Stddev	.0007525	.001583	.002675	.003648	.0030278	.1699	.001025
%RSD	1.925516	4.220537	.1801017	117.5196	40.88690	.1612354	.0917902

#1	.0388446	-.039262	1.481967	-.001451	.0106756	105.2079	1.118299
#2	.0384768	-.037042	1.486041	-.007286	.0046992	105.5464	1.117036
#3	.0399246	-.036198	1.487006	-.000575	.0068414	105.3515	1.116268

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078840	.0109989	10.41437	1.289317	.0867034	.2799401	201.6302
Stddev	.0001474	.0002750	.13901	.005924	.0003896	.0002770	1.0108
%RSD	1.870082	2.500518	1.334764	.4594496	.4492867	.0989680	.5013110

#1	.0077285	.0112110	10.30983	1.282500	.0870104	.2796852	200.6950
#2	.0080218	.0106882	10.36116	1.293213	.0868347	.2802350	202.7026
#3	.0079016	.0110976	10.57212	1.292238	.0862652	.2799003	201.4929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.507862	18.89627	.1879449	.0074163	1.733046	.2985322	1.182209
Stddev	.010544	.06200	.0004655	.0000355	.050909	.0032074	.008948
%RSD	.3005736	.3281084	.2476940	.4791667	2.937527	1.074380	.7569086

#1	3.496482	18.86019	.1884430	.0073782	1.702845	.2953150	1.183458
#2	3.509804	18.96786	.1875207	.0074221	1.704471	.3017297	1.172701
#3	3.517300	18.86076	.1878709	.0074485	1.791823	.2985520	1.190467

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.534872	4.370958	-.524407	.0049587	.8666040	4.019215	.0651859
Stddev	.025033	.038023	.003730	.0002554	.0047727	.018829	.0020674
%RSD	.3322281	.8698993	.7112307	5.150779	.5507340	.4684743	3.171546

#1	7.516591	4.388899	-.520254	.0051858	.8720828	4.000296	.0663558
#2	7.524621	4.327284	-.527473	.0046822	.8633489	4.037953	.0627988
#3	7.563403	4.396691	-.525493	.0050081	.8643803	4.019397	.0664030

Sample Name: I5284-13 Acquired: 9/20/2017 13:43:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3A7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.373432	.0477366	.0614489
Stddev	.006974	.0001240	.0000814
%RSD	.2938437	.2597750	.1324540

#1	2.367410	.0476157	.0614318
#2	2.381074	.0478635	.0615374
#3	2.371814	.0477305	.0613773

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	883.7448	1563.858	39536.18	13179.77	2582.780
Stddev	2.2972	3.505	121.82	60.33	6.380
%RSD	.2599381	.2241309	.3081148	.4577480	.2470353

#1	881.8496	1562.986	39474.38	13209.27	2579.406
#2	883.0851	1560.871	39457.66	13110.36	2578.796
#3	886.2997	1567.716	39676.51	13219.67	2590.139

Sample Name: I5284-14 Acquired: 9/20/2017 13:47:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3A8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0623794	-.043678	1.731691	-.005237	.0106531	126.6863	1.188630
Stddev	.0041883	.004449	.004619	.003900	.0014933	.2916	.006749
%RSD	6.714285	10.18639	.2667404	74.46243	14.01748	.2301722	.5677550

#1	.0576462	-.041972	1.735293	-.005486	.0089288	126.6928	1.190500
#2	.0656061	-.048728	1.726484	-.009006	.0115215	126.9745	1.194247
#3	.0638859	-.040335	1.733298	-.001219	.0115089	126.3914	1.181144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096449	.0151433	27.78418	.5616869	.1093684	.4387988	250.2759
Stddev	.0001015	.0002280	.26873	.0039833	.0007398	.0022868	1.2196
%RSD	1.052240	1.505446	.9671896	.7091673	.6764568	.5211471	.4873160

#1	.0095277	.0150995	27.51508	.5662427	.1087199	.4411039	248.8831
#2	.0097052	.0149404	28.05253	.5588610	.1101742	.4387616	251.1532
#3	.0097017	.0153900	27.78492	.5599570	.1092110	.4365308	250.7912

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.375952	34.56751	.2209217	.0101514	2.342191	.3741454	1.391072
Stddev	.038105	.10872	.0010091	.0003977	.089800	.0010584	.017151
%RSD	.8707907	.3145225	.4567816	3.917394	3.834038	.2828763	1.232900

#1	4.347596	34.44988	.2207024	.0098056	2.357779	.3731118	1.397758
#2	4.419267	34.58835	.2200403	.0100627	2.423178	.3752269	1.403873
#3	4.360993	34.66431	.2220225	.0105860	2.245617	.3740976	1.371586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.81168	8.550203	-.653116	.0061014	2.034992	3.395826	.0664212
Stddev	.06614	.128527	.007265	.0005483	.019695	.017981	.0015410
%RSD	.4789041	1.503208	1.112343	8.986886	.9678127	.5295089	2.320021

#1	13.82032	8.681768	-.645201	.0055858	2.051665	3.379919	.0663826
#2	13.87308	8.424945	-.659481	.0066775	2.013262	3.415336	.0648998
#3	13.74164	8.543895	-.654667	.0060409	2.040049	3.392224	.0679811

Sample Name: I5284-14 Acquired: 9/20/2017 13:47:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3A8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.100473	.0708339	.0813904
Stddev	.012441	.0005050	.0003674
%RSD	.4012627	.7129905	.4513722

#1	3.098379	.0712456	.0813766
#2	3.113829	.0709857	.0817644
#3	3.089213	.0702704	.0810301

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	865.2339	1536.069	38913.55	13065.96	2500.673
Stddev	5.6502	7.969	107.06	50.93	10.903
%RSD	.6530224	.5187983	.2751131	.3898254	.4359918

#1	859.1928	1530.476	38846.10	13086.28	2497.505
#2	866.1205	1545.194	38857.57	13008.00	2512.809
#3	870.3883	1532.538	39036.99	13103.60	2491.705

Sample Name: I5284-15 Acquired: 9/20/2017 13:51:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3A9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467125	-.049295	.9086028	-.001524	.0043238	115.4547	1.026620
Stddev	.0025503	.003006	.0051375	.004319	.0021253	.2226	.003711
%RSD	5.459571	6.097583	.5654257	283.4636	49.15526	.1928034	.3614833

#1	.0493493	-.047639	.9131843	-.000428	.0063905	115.6020	1.026182
#2	.0465296	-.052765	.9095755	-.006285	.0044364	115.1986	1.023147
#3	.0442586	-.047482	.9030484	.002142	.0021443	115.5634	1.030530

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086753	.0105382	18.73996	2.453843	.1058972	.3015259	234.5313
Stddev	.0001892	.0001981	.10551	.005990	.0008569	.0018808	.5995
%RSD	2.181385	1.880303	.5629992	.2441149	.8091387	.6237463	.2555954

#1	.0088926	.0104022	18.68061	2.447542	.1068696	.3036624	235.0771
#2	.0085871	.0104469	18.67751	2.459465	.1055688	.3001202	233.8897
#3	.0085463	.0107656	18.86178	2.454522	.1052531	.3007952	234.6272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.057806	24.21586	.2651553	.0077545	2.066070	.3228338	.8105347
Stddev	.029340	.06624	.0015832	.0002431	.063879	.0035092	.0074066
%RSD	.5801014	.2735534	.5970708	3.135315	3.091806	1.086988	.9137960

#1	5.058388	24.29210	.2668116	.0076596	2.137478	.3246757	.8167543
#2	5.028179	24.17240	.2636571	.0075731	2.046374	.3187872	.8023410
#3	5.086852	24.18308	.2649973	.0080307	2.014359	.3250386	.8125088

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.96670	4.310664	-.610896	.0047087	1.129963	3.617216	.0366210
Stddev	.02991	.005344	.003858	.0004509	.004853	.021499	.0033943
%RSD	.2727020	.1239663	.6315416	9.575981	.4294833	.5943554	9.268720

#1	10.99877	4.316606	-.615266	.0049384	1.125049	3.637520	.0387416
#2	10.93958	4.309133	-.609460	.0049984	1.130086	3.594694	.0384152
#3	10.96174	4.306252	-.607962	.0041892	1.134753	3.619433	.0327061

Sample Name: I5284-15 Acquired: 9/20/2017 13:51:46 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3A9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.164996	.0562721	.0657618
Stddev	.011267	.0003219	.0001641
%RSD	.5204326	.5719888	.2494558

#1	2.167825	.0564930	.0657916
#2	2.152583	.0559028	.0655849
#3	2.174579	.0564206	.0659088

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	870.2104	1545.874	39039.60	13077.73	2522.134
Stddev	3.3886	5.844	95.11	83.66	8.384
%RSD	.3894018	.3780164	.2436162	.6396785	.3324242

#1	866.6892	1539.403	38953.50	12981.89	2512.614
#2	870.4934	1547.454	39023.63	13136.11	2528.415
#3	873.4486	1550.765	39141.69	13115.19	2525.374

Sample Name: I5284-16 Acquired: 9/20/2017 13:55:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1382418	-.045306	.8576974	-.006306	.0070093	105.3284	.9298059
Stddev	.0061243	.004148	.0058168	.004139	.0027127	.1268	.0032541
%RSD	4.430116	9.154889	.6781868	65.63572	38.70067	.1203411	.3499719

#1	.1313842	-.043543	.8545480	-.003300	.0059744	105.3457	.9285225
#2	.1431662	-.050044	.8644098	-.011027	.0100871	105.1939	.9273892
#3	.1401750	-.042330	.8541344	-.004591	.0049665	105.4456	.9335059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083167	.0153116	19.52114	1.898546	.1070790	.4013416	240.1993
Stddev	.0000311	.0003654	.11778	.000899	.0004218	.0012473	.3979
%RSD	.3737512	2.386186	.6033222	.0473339	.3939123	.3107834	.1656703

#1	.0082952	.0152225	19.44563	1.899347	.1067756	.4013442	239.8076
#2	.0083523	.0157133	19.65685	1.898718	.1069007	.4000931	240.6032
#3	.0083026	.0149990	19.46094	1.897574	.1075607	.4025877	240.1870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.179924	27.91852	.2241392	.0117541	2.480787	.2914489	1.556831
Stddev	.008617	.03019	.0010384	.0001830	.044371	.0034329	.002141
%RSD	.2061557	.1081424	.4632929	1.556882	1.788581	1.177879	.1375328

#1	4.170040	27.94554	.2229487	.0118748	2.509294	.2874941	1.556550
#2	4.185864	27.88593	.2248587	.0115436	2.429665	.2931930	1.559099
#3	4.183867	27.92407	.2246101	.0118440	2.503402	.2936597	1.554845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.85602	5.729011	-.622316	.0037303	2.045662	3.421531	.0480126
Stddev	.03127	.058247	.002201	.0005863	.028951	.015386	.0007272
%RSD	.2637162	1.016706	.3537568	15.71696	1.415215	.4496953	1.514595

#1	11.87858	5.665596	-.619884	.0031764	2.025800	3.430153	.0472118
#2	11.86916	5.741311	-.622891	.0036700	2.032308	3.430674	.0486319
#3	11.82033	5.780125	-.624172	.0043444	2.078880	3.403767	.0481939

Sample Name: I5284-16 Acquired: 9/20/2017 13:55:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3B0 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.491175	.0648648	.0640734
Stddev	.009183	.0000847	.0000944
%RSD	.3686352	.1305457	.1472977

#1	2.486546	.0648365	.0641503
#2	2.485227	.0647978	.0639681
#3	2.501752	.0649600	.0641019

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	832.1718	1457.524	37634.09	12649.21	2520.148
Stddev	1.3815	4.627	41.96	47.36	4.374
%RSD	.1660148	.3174521	.1114837	.3744192	.1735724

#1	830.8941	1462.014	37677.52	12595.41	2525.039
#2	831.9835	1457.786	37593.79	12667.57	2518.798
#3	833.6378	1452.772	37630.95	12684.63	2516.608

Sample Name: I5284-17 Acquired: 9/20/2017 13:59:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1637627	-.054630	1.147862	-.004737	.0067231	116.1158	1.036364
Stddev	.0056006	.000712	.005276	.005145	.0024356	.1625	.002185
%RSD	3.419936	1.302672	.4596573	108.6247	36.22813	.1399229	.2108115

#1	.1575082	-.054288	1.149263	-.006793	.0047758	115.9425	1.033859
#2	.1683140	-.054153	1.142027	-.008536	.0059393	116.2647	1.037359
#3	.1654658	-.055448	1.152297	.001119	.0094541	116.1402	1.037875

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093954	.0200883	30.61054	1.786074	.1243005	.4606615	268.5200
Stddev	.0001063	.0003022	.05108	.006977	.0003574	.0005481	.9211
%RSD	1.131331	1.504402	.1668715	.3906168	.2875517	.1189913	.3430446

#1	.0092903	.0198331	30.55496	1.782962	.1241885	.4604205	267.5427
#2	.0095029	.0204221	30.62124	1.794065	.1240125	.4612889	269.3722
#3	.0093930	.0200098	30.65543	1.781194	.1247005	.4602751	268.6450

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.829333	32.80206	.2655285	.0128896	2.649482	.3116632	1.890094
Stddev	.017043	.14419	.0001999	.0001835	.073995	.0018883	.014805
%RSD	.3529131	.4395860	.0752832	1.423449	2.792797	.6058908	.7832984

#1	4.811716	32.66434	.2657332	.0126957	2.731729	.3111571	1.901892
#2	4.830546	32.95195	.2655184	.0129125	2.588313	.3137530	1.894909
#3	4.845738	32.78989	.2653338	.0130605	2.628405	.3100795	1.873480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.76306	6.246042	-.699312	.0032321	2.170326	3.825203	.0640325
Stddev	.04062	.003987	.003000	.0001115	.023156	.034333	.0031842
%RSD	.3182667	.0638294	.4290198	3.449838	1.066934	.8975430	4.972725

#1	12.80979	6.247163	-.699821	.0031115	2.164880	3.797337	.0666119
#2	12.74320	6.241615	-.696090	.0032533	2.150379	3.814714	.0650119
#3	12.73618	6.249348	-.702025	.0033315	2.195720	3.863556	.0604737

Sample Name: I5284-17 Acquired: 9/20/2017 13:59:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.612247	.0753568	.0877710
Stddev	.006982	.0000462	.0001165
%RSD	.2672799	.0613039	.1326702

#1	2.606149	.0753432	.0876366
#2	2.619863	.0753189	.0878343
#3	2.610729	.0754083	.0878422

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	839.5813	1481.621	38069.61	12957.16	2493.955
Stddev	6.5152	4.689	65.37	20.31	5.814
%RSD	.7760025	.3164612	.1717132	.1567278	.2331114

#1	832.0593	1476.656	37998.81	12958.30	2487.403
#2	843.2365	1482.233	38127.67	12976.87	2495.967
#3	843.4482	1485.974	38082.37	12936.30	2498.495

Sample Name: I5284-18 Acquired: 9/20/2017 14:03:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0581559	-.067012	.8003641	-.013103	.0083350	187.5133	1.228482
Stddev	.0035029	.000682	.0069476	.005585	.0016931	.1147	.002907
%RSD	6.023313	1.018030	.8680613	42.62063	20.31353	.0611439	.2366187

#1	.0608356	-.066303	.8018164	-.011248	.0064560	187.4748	1.230024
#2	.0594398	-.067664	.7928051	-.008682	.0088068	187.4228	1.225129
#3	.0541921	-.067071	.8064708	-.019379	.0097422	187.6422	1.230293

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113776	.0169599	9.513012	1.993985	.1169603	.3175324	347.3832
Stddev	.0001586	.0002113	.041630	.002761	.0010412	.0010046	1.0566
%RSD	1.393773	1.245707	.4376143	.1384701	.8901949	.3163725	.3041680

#1	.0112153	.0168923	9.497307	1.992062	.1159287	.3185200	346.1873
#2	.0115322	.0167908	9.481519	1.997149	.1169414	.3175653	348.1907
#3	.0113853	.0171968	9.560211	1.992744	.1180108	.3165117	347.7716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.284801	33.17870	.2845464	.0113996	2.571868	.5461835	1.518546
Stddev	.006606	.12734	.0008163	.0003043	.064883	.0074337	.005720
%RSD	.2010978	.3838130	.2868608	2.669731	2.522779	1.361025	.3767060

#1	3.278697	33.23247	.2842816	.0115219	2.589420	.5380570	1.522499
#2	3.283892	33.27034	.2838955	.0116236	2.500015	.5478529	1.511987
#3	3.291814	33.03329	.2854622	.0110531	2.626169	.5526405	1.521153

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.26728	6.460117	-.929740	.0066439	.9763239	3.966916	.0436213
Stddev	.05399	.014655	.006812	.0002477	.0056095	.019810	.0006852
%RSD	.3126787	.2268543	.7326417	3.728783	.5745526	.4993920	1.570778

#1	17.32175	6.466283	-.924929	.0063695	.9712933	3.947197	.0428886
#2	17.26633	6.443386	-.937534	.0068512	.9823728	3.986817	.0437293
#3	17.21378	6.470681	-.926756	.0067110	.9753056	3.966734	.0442461

Sample Name: I5284-18 Acquired: 9/20/2017 14:03:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.145919	.0692264	.0522513
Stddev	.006896	.0004511	.0000353
%RSD	.1340169	.6515664	.0676496

#1	5.142118	.0697297	.0522222
#2	5.153880	.0690909	.0522410
#3	5.141760	.0688586	.0522906

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	866.8341	1536.079	39005.61	13269.06	2479.806
Stddev	4.8612	8.141	31.22	31.78	3.282
%RSD	.5607977	.5299539	.0800513	.2394943	.1323325

#1	862.4775	1527.146	38975.23	13259.69	2476.094
#2	872.0778	1538.014	39037.61	13243.03	2482.320
#3	865.9471	1543.078	39004.01	13304.47	2481.005

Sample Name: I5284-19 Acquired: 9/20/2017 14:07:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0434793	-.051083	.4416908	-.010241	.0062578	143.8576	.8532452
Stddev	.0067573	.002587	.0015421	.002364	.0014642	.8887	.0052827
%RSD	15.54145	5.064520	.3491460	23.08078	23.39809	.6177915	.6191341

#1	.0409926	-.053909	.4425177	-.007515	.0069336	143.0062	.8475463
#2	.0383176	-.048832	.4399115	-.011714	.0072622	144.7795	.8542107
#3	.0511276	-.050507	.4426431	-.011494	.0045778	143.7872	.8579785

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091598	.0115048	7.627367	1.326846	.0972510	.2865675	285.3634
Stddev	.0001802	.0003698	.174639	.003303	.0006815	.0021221	2.3317
%RSD	1.967221	3.214250	2.289642	.2489707	.7007788	.7405207	.8170987

#1	.0092473	.0113707	7.827610	1.327934	.0979639	.2846282	284.9258
#2	.0092796	.0112208	7.547886	1.323136	.0966060	.2888343	287.8828
#3	.0089526	.0119230	7.506606	1.329469	.0971830	.2862400	283.2814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.641652	27.64637	.2036364	.0088584	2.210998	.4396787	.9414849
Stddev	.001959	.14029	.0015010	.0003038	.056668	.0056981	.0103445
%RSD	.0741690	.5074411	.7370840	3.429016	2.562995	1.295977	1.098738

#1	2.641500	27.57894	.2019196	.0091781	2.204224	.4368337	.9425522
#2	2.639773	27.80765	.2042888	.0088234	2.158023	.4462391	.9512543
#3	2.643683	27.55254	.2047008	.0085737	2.270749	.4359633	.9306481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.43002	4.805972	-.753844	.0051378	.6246955	3.837281	.0276038
Stddev	.07934	.019271	.005774	.0000835	.0053972	.023196	.0024836
%RSD	.5498259	.4009743	.7659333	1.625457	.8639751	.6044855	8.997235

#1	14.34476	4.824681	-.753621	.0052203	.6269782	3.833418	.0276106
#2	14.50168	4.786185	-.759726	.0051398	.6185321	3.862166	.0300840
#3	14.44361	4.807049	-.748185	.0050533	.6285763	3.816259	.0251169

Sample Name: I5284-19 Acquired: 9/20/2017 14:07:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.997612	.0519366	.0392554
Stddev	.037366	.0003299	.0001036
%RSD	.7476677	.6351975	.2638469

#1	4.961063	.0515590	.0391361
#2	5.035744	.0520814	.0393070
#3	4.996029	.0521693	.0393230

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	841.7020	1486.897	37588.12	12602.22	2539.437
Stddev	4.4386	2.595	66.39	61.66	5.967
%RSD	.5273410	.1745177	.1766279	.4893065	.2349875

#1	836.6036	1483.949	37511.46	12571.64	2539.981
#2	844.7054	1487.907	37627.01	12561.83	2545.114
#3	843.7970	1488.835	37625.89	12673.20	2533.217

Sample Name: I5284-20 Acquired: 9/20/2017 14:11:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1029339	-.054406	.2549641	-.007835	.0072858	115.7915	.6611444
Stddev	.0038004	.003573	.0009723	.004876	.0015082	.3005	.0031193
%RSD	3.692045	6.568184	.3813605	62.23498	20.70064	.2594897	.4718085

#1	.0991005	-.050629	.2538432	-.007035	.0087754	115.7742	.6609636
#2	.1030007	-.054854	.2554681	-.003408	.0073225	116.1002	.6643502
#3	.1067004	-.057734	.2555810	-.013061	.0057596	115.5001	.6581194

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088299	.0110650	7.363021	1.916761	.1202798	.3105365	285.0806
Stddev	.0001469	.0001240	.241079	.004208	.0001393	.0016782	.8918
%RSD	1.663600	1.120367	3.274184	.2195439	.1158151	.5404249	.3128175

#1	.0089796	.0109401	7.341551	1.916005	.1203055	.3107239	285.5666
#2	.0086860	.0110669	7.133396	1.912982	.1201294	.3121131	284.0514
#3	.0088243	.0111880	7.614117	1.921296	.1204044	.3087724	285.6239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.564944	27.18008	.2196268	.0098551	2.126453	.3209372	.6973680
Stddev	.007771	.06325	.0010011	.0002473	.053276	.0026380	.0020439
%RSD	.1702302	.2327071	.4558049	2.509766	2.505382	.8219677	.2930829

#1	4.566395	27.25267	.2184925	.0097859	2.133871	.3227923	.6951244
#2	4.571886	27.15079	.2200012	.0101297	2.069857	.3221020	.6978556
#3	4.556549	27.13679	.2203867	.0096498	2.175631	.3179173	.6991240

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.54390	3.654651	-.748708	.0049503	.7891204	4.627261	.0285252
Stddev	.06057	.026784	.004682	.0002084	.0037761	.041051	.0029220
%RSD	.5247050	.7328824	.6253633	4.209842	.4785195	.8871542	10.24338

#1	11.54347	3.630981	-.754113	.0047900	.7859677	4.674663	.0307427
#2	11.60468	3.649245	-.746115	.0048751	.7880885	4.603645	.0296188
#3	11.48354	3.683725	-.745896	.0051859	.7933052	4.603476	.0252142

Sample Name: I5284-20 Acquired: 9/20/2017 14:11:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.175390	.0717085	.0423621
Stddev	.009909	.0007433	.0001227
%RSD	.4555030	1.036580	.2897163

#1	2.175483	.0715884	.0424193
#2	2.185252	.0725046	.0424458
#3	2.165435	.0710326	.0422212

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	838.6302	1493.918	37759.89	12672.02	2544.409
Stddev	1.4171	2.004	66.56	11.19	4.280
%RSD	.1689822	.1341437	.1762653	.0882831	.1681986

#1	838.7267	1491.666	37717.78	12659.60	2541.156
#2	839.9967	1494.582	37836.62	12681.30	2549.257
#3	837.1673	1495.506	37725.27	12675.16	2542.815

Sample Name: PB102434BL Acquired: 9/20/2017 14:16:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0005222	.0031543	-.001192	-.003264	.0004645	.0071663	.0001797
Stddev	.0027850	.0012896	.000937	.002885	.0002973	.0012277	.0004298
%RSD	533.2865	40.88226	78.56416	88.38402	64.00696	17.13161	239.1556

#1	-.002441	.0019852	-.001292	-.000563	.0008076	.0057493	.0001166
#2	.000922	.0045375	-.002076	-.006303	.0002826	.0078372	.0006375
#3	.003086	.0029402	-.000210	-.002925	.0003033	.0079122	-.000215

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000044	.0000366	.0039941	-.000550	-.000212	.0006179	.0134059
Stddev	.000048	.0000492	.0062789	.000619	.000128	.0001753	.0039357
%RSD	108.3970	134.4517	157.2066	112.5016	60.28071	28.37056	29.35777

#1	-.000033	.0000148	.0085784	-.000511	-.000327	.0006020	.0123731
#2	-.000003	.0000929	.0065663	-.001188	-.000235	.0008006	.0100897
#3	-.000096	.0000020	-.003163	.000048	-.000075	.0004511	.0177550

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004192	.0102160	-.000578	.0000191	-.026021	-.000715	-.002814
Stddev	.0002277	.0175856	.000183	.0001704	.072814	.000998	.001731
%RSD	54.32079	172.1379	31.68939	893.3884	279.8226	139.5926	61.50708

#1	.0001563	.0303516	-.000749	-.000002	-.064757	-.000172	-.003741
#2	.0005542	.0024224	-.000385	.000199	.057972	-.001867	-.003884
#3	.0005470	-.002126	-.000602	-.000140	-.071279	-.000106	-.000817

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.024455	.0007325	-.002682	-.000105	-.000481	-.001321	-.000883
Stddev	.011330	.0022268	.000981	.000158	.002597	.000303	.000066
%RSD	46.33117	304.0166	36.58998	150.4407	539.8274	22.92509	7.468556

#1	-.029325	.0022686	-.003721	.000078	-.002121	-.001051	-.000935
#2	-.011504	.0017502	-.002553	-.000195	.002514	-.001648	-.000905
#3	-.032537	-.001821	-.001772	-.000198	-.001836	-.001263	-.000808

Sample Name: PB102434BL Acquired: 9/20/2017 14:16:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0007765	-.000434	-.000115
Stddev	.0004407	.000092	.000008
%RSD	56.75436	21.29894	6.719493

#1	.0010320	-.000506	-.000117
#2	.0010299	-.000330	-.000106
#3	.0002676	-.000466	-.000121

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	809.2655	1427.163	34984.35	11234.84	2934.462
Stddev	1.2766	5.536	43.82	59.71	4.871
%RSD	.1577530	.3879099	.1252670	.5314789	.1659763

#1	808.4015	1422.380	34938.97	11168.50	2929.143
#2	808.6631	1433.228	34987.65	11284.28	2938.703
#3	810.7319	1425.883	35026.43	11251.75	2935.539

Sample Name: PB102434BS Acquired: 9/20/2017 14:20:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0201532	.0592884	.0206063	.0707490	.1151318	.3851773
Stddev	.0010554	.0020227	.0014566	.0012190	.0022474	.0023896
%RSD	5.236628	3.411615	7.068626	1.723003	1.952016	.6203962

#1	.0201697	.0592526	.0190104	.0698072	.1155362	.3831311
#2	.0212002	.0572838	.0209445	.0703139	.1127097	.3878036
#3	.0190897	.0613287	.0218641	.0721258	.1171496	.3845974

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3099311	.0118466	.0108268	9.641236	.0231075	.0937835
Stddev	.0009055	.0001006	.0002535	.054432	.0002372	.0008329
%RSD	.2921692	.8495395	2.341742	.5645752	1.026521	.8881384

#1	.3109751	.0119497	.0108122	9.618167	.0233750	.0939220
#2	.3093580	.0118414	.0105809	9.602137	.0229228	.0928900
#3	.3094603	.0117486	.0110874	9.703403	.0230247	.0945384

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0488058	.2214361	.0317529	10.22696	.0789362	.0191309
Stddev	.0001521	.0076503	.0006779	.08132	.0004125	.0003398
%RSD	.3115436	3.454842	2.134920	.7951694	.5226284	1.776303

#1	.0487079	.2178157	.0314798	10.15809	.0786278	.0189120
#2	.0489810	.2162680	.0312542	10.31667	.0787762	.0195224
#3	.0487285	.2302246	.0325248	10.20611	.0794048	.0189583

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.538753	.1015504	.1063919	9.023662	.0250406	F .0216047
Stddev	.078847	.0015990	.0014176	.039940	.0009675	.0011953
%RSD	.8265927	1.574567	1.332431	.4426148	3.863951	5.532711

#1	9.620864	.1008101	.1057549	8.990819	.0239972	.0202247
#2	9.531757	.1004557	.1054045	9.068123	.0252163	.0223173
#3	9.463637	.1033854	.1080162	9.012044	.0259082	.0222720

Sample Name: PB102434BS Acquired: 9/20/2017 14:20:13 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0216360	.1645294	.1964747	F .0144289	.1947347	.0426287
Stddev	.0004345	.0021221	.0008693	.0009987	.0006298	.0003715
%RSD	2.008420	1.289797	.4424615	6.921438	.3234301	.8714076

#1	.0220184	.1665651	.1973385	.0151253	.1949720	.0426441
#2	.0211635	.1623304	.1955999	.0132847	.1940206	.0429922
#3	.0217261	.1646927	.1964857	.0148768	.1952113	.0422497

Elem	Sr4077
Units	ppm
Avg	.1027802
Stddev	.0001083
%RSD	.1053876

#1	.1026556
#2	.1028337
#3	.1028514

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	815.6735	1438.405	35178.32	11484.57	2870.134
Stddev	.6966	8.056	69.53	10.49	13.450
%RSD	.0854077	.5600437	.1976609	.0913343	.4686220

#1	815.1286	1434.939	35128.41	11495.81	2872.342
#2	815.4335	1447.614	35148.80	11475.05	2882.343
#3	816.4585	1432.662	35257.74	11482.86	2855.716

Sample Name: I5286-01 Acquired: 9/20/2017 14:24:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0830797	-.051220	.1871797	-.007723	.0052272	106.4435	.5902857
Stddev	.0078746	.001111	.0019032	.000211	.0017210	.3727	.0023748
%RSD	9.478365	2.169500	1.016773	2.728686	32.92340	.3501269	.4023212

#1	.0920761	-.051965	.1856115	-.007537	.0047401	106.4364	.5889679
#2	.0797247	-.049943	.1866304	-.007681	.0038023	106.8197	.5930273
#3	.0774382	-.051753	.1892971	-.007952	.0071392	106.0744	.5888620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083600	.0108331	5.867793	1.666069	.1134993	.2733829	277.1359
Stddev	.0000760	.0001746	.033165	.004036	.0009220	.0014858	1.2605
%RSD	.9093462	1.611771	.5652075	.2422217	.8123508	.5434883	.4548231

#1	.0083327	.0109667	5.904507	1.666508	.1135777	.2719723	277.1748
#2	.0084459	.0106355	5.858872	1.661833	.1125406	.2749339	278.3765
#3	.0083014	.0108970	5.840001	1.669868	.1143796	.2732425	275.8565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.269908	25.36758	.2464652	.0105615	2.007300	.2942399	.5899827
Stddev	.004055	.18596	.0019391	.0001029	.040770	.0049601	.0058392
%RSD	.0949635	.7330527	.7867828	.9740569	2.031071	1.685725	.9897150

#1	4.274088	25.30730	.2462288	.0105680	1.978924	.2909895	.5836957
#2	4.265990	25.57621	.2446551	.0106610	1.988956	.2999491	.5910165
#3	4.269647	25.21925	.2485117	.0104556	2.054019	.2917812	.5952359

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29963	3.201898	-.737601	.0045552	.5832052	3.677848	.0194929
Stddev	.01950	.025609	.002070	.0003091	.0014886	.022957	.0019229
%RSD	.1893461	.7998085	.2806167	6.784706	.2552461	.6241872	9.864658

#1	10.31736	3.172441	-.738825	.0041987	.5820993	3.689020	.0200049
#2	10.27874	3.218868	-.738767	.0047469	.5826185	3.693080	.0211080
#3	10.30278	3.214386	-.735211	.0047201	.5848977	3.651444	.0173658

Sample Name: I5286-01 Acquired: 9/20/2017 14:24:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.987690	.0684509	.0363639
Stddev	.002308	.0001879	.0000146
%RSD	.1160991	.2745535	.0402726

#1	1.988662	.0682645	.0363606
#2	1.989353	.0686403	.0363800
#3	1.985055	.0684478	.0363513

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	846.8555	1498.867	38007.73	12648.88	2590.086
Stddev	3.0675	.568	9.83	48.64	3.956
%RSD	.3622251	.0379189	.0258556	.3845032	.1527401

#1	843.9865	1499.472	37997.85	12621.75	2586.692
#2	846.4908	1498.344	38007.85	12619.85	2594.431
#3	850.0890	1498.786	38017.50	12705.02	2589.136

Sample Name: CCV068 Acquired: 9/20/2017 14:32:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.885340	4.667965	23.87053	4.871612	4.943861	395.7516
Stddev	.008545	.038063	.07394	.025099	.018112	7.6044
%RSD	.1749067	.8154147	.3097540	.5152153	.3663508	1.921506

#1	4.895194	4.699542	23.91152	4.893788	4.940120	400.4045
#2	4.880840	4.678652	23.91490	4.844364	4.927912	399.8742
#3	4.879986	4.625700	23.78517	4.876683	4.963551	386.9762

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.663856	.4866250	2.470623	390.1327	14.60347	2.445813
Stddev	.145557	.0091619	.021579	8.4236	.26027	.012696
%RSD	1.506202	1.882744	.8734317	2.159175	1.782261	.5190920

#1	9.817674	.4958874	2.481982	397.0823	14.47857	2.453338
#2	9.645615	.4864206	2.484151	392.5514	14.42919	2.452947
#3	9.528279	.4775670	2.445737	380.7643	14.90265	2.431155

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62725	400.8146	14.01983	403.2668	2.428334	1.273716
Stddev	.28881	7.0821	.29287	6.9053	.010902	.023103
%RSD	1.974442	1.766925	2.088959	1.712345	.4489614	1.813794

#1	14.89326	405.4014	14.25056	407.9765	2.439698	1.261880
#2	14.66842	404.3844	14.11857	406.4840	2.427343	1.258930
#3	14.32007	392.6580	13.69035	395.3399	2.417961	1.300338

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.3121	2.402952	15.46172	147.5379	F 32.12559	F 3.925484
Stddev	6.3261	.050419	.24280	2.4992	.34105	.064193
%RSD	1.604335	2.098199	1.570352	1.693934	1.061616	1.635287

#1	400.0203	2.437268	15.29457	149.8531	32.44277	3.983821
#2	395.4054	2.426524	15.35036	147.8723	32.16915	3.935918
#3	387.5106	2.345065	15.74022	144.8884	31.76485	3.856713

Sample Name: CCV068 Acquired: 9/20/2017 14:32:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.817465	4.902533	4.584004	4.822414	4.739507	16.07113
Stddev	.013701	.052550	.084061	.014567	.084568	.30072
%RSD	.2844023	1.071901	1.833792	.3020773	1.784323	1.871170

#1	4.824475	4.934449	4.650376	4.838848	4.811216	16.34345
#2	4.801677	4.931270	4.612155	4.817306	4.761056	16.12154
#3	4.826243	4.841881	4.489480	4.811089	4.646249	15.74839

Elem	Sr4077
Units	ppm
Avg	14.68500
Stddev	.30772
%RSD	2.095456

#1	14.86005
#2	14.86526
#3	14.32969

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	628.9975	1109.207	28835.41	10413.91	1874.377
Stddev	10.1300	15.633	500.34	194.89	15.188
%RSD	1.610506	1.409380	1.735159	1.871478	.8103135

#1	634.5579	1113.479	29103.00	10258.10	1878.723
#2	635.1295	1122.259	29145.05	10351.18	1886.918
#3	617.3049	1091.882	28258.18	10632.44	1857.489

Sample Name: CCB068 Acquired: 9/20/2017 14:36:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002174	.0076389	.0000474	-.003766	.0005269	.0253888	-.000069
Stddev	.003561	.0027211	.0014683	.001472	.0015810	.0031988	.000497
%RSD	163.7703	35.62174	3094.927	39.08641	300.0768	12.59940	716.0270

#1	-.000193	.0080486	.0009144	-.003964	.0016855	.0244208	-.000245
#2	-.006285	.0101320	.0008757	-.002205	.0011692	.0289598	.000492
#3	-.000045	.0047362	-.001648	-.005128	-.001274	.0227858	-.000455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000053	.0002389	.0207541	.0003067	.0001973	.0012659	.0192675
Stddev	.000104	.0000952	.0044114	.0002947	.0002191	.0007089	.0045682
%RSD	195.1029	39.87748	21.25575	96.07272	111.0471	55.99891	23.70926

#1	.000065	.0001295	.0167809	.0003581	.0001003	.0004545	.0139953
#2	-.000096	.0003034	.0199799	-.000010	.0004481	.0017649	.0220492
#3	-.000129	.0002837	.0255013	.000572	.0000434	.0015784	.0217580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012889	.0327487	-.000341	-.000057	-.032683	.0001266	-.000415
Stddev	.0003132	.0141606	.000133	.000238	.079867	.0017662	.000781
%RSD	24.29842	43.24015	39.17601	418.7330	244.3709	1394.985	188.1939

#1	.0009825	.0225883	-.000491	-.000149	-.124519	-.001368	-.001172
#2	.0012757	.0267340	-.000238	.000213	.005939	-.000328	-.000461
#3	.0016084	.0489238	-.000292	-.000235	.020532	.002076	.000388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016340	-.001369	.0062699	.0004399	-.003159	-.001095	-.000538
Stddev	.011417	.004658	.0006171	.0002274	.002307	.000364	.000106
%RSD	69.87304	340.2351	9.842347	51.68583	73.04322	33.26893	19.76381

#1	-.029475	.002599	.0068237	.0001774	-.000983	-.000758	-.000644
#2	-.010745	-.006498	.0056046	.0005755	-.005578	-.001482	-.000432
#3	-.008799	-.000208	.0063814	.0005667	-.002915	-.001046	-.000538

Sample Name: CCB068 Acquired: 9/20/2017 14:36:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0009352	.0018903	.0011772
Stddev	.0001791	.0000848	.0000394
%RSD	19.15266	4.487901	3.345873

#1	.0008761	.0019859	.0011317
#2	.0011363	.0018240	.0011993
#3	.0007931	.0018609	.0012005

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	812.1310	1440.263	35254.44	11251.89	2958.102
Stddev	1.5345	3.653	54.48	46.09	7.613
%RSD	.1889521	.2536680	.1545209	.4096275	.2573679

#1	811.2244	1436.310	35191.54	11211.50	2952.398
#2	813.9027	1440.963	35285.60	11302.10	2955.162
#3	811.2657	1443.516	35286.18	11242.08	2966.747

Sample Name: I5286-02 Acquired: 9/20/2017 14:40:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558657	-.040365	.5844830	-.003552	.0057507	100.0699	.7945441
Stddev	.0026637	.001921	.0020512	.003601	.0008428	.6456	.0030572
%RSD	4.768123	4.758380	.3509476	101.3940	14.65539	.6451529	.3847719

#1	.0528305	-.042515	.5866436	-.007657	.0058117	99.9232	.7941497
#2	.0578150	-.038818	.5842431	-.002076	.0065613	100.7763	.7977793
#3	.0569515	-.039762	.5825622	-.000923	.0048791	99.5103	.7917032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076704	.0113262	29.95376	2.192403	.0890119	.3107502	230.3619
Stddev	.0000624	.0000895	.03710	.034423	.0005856	.0011788	1.1161
%RSD	.8134113	.7898124	.1238419	1.570090	.6579187	.3793450	.4845148

#1	.0076425	.0113156	29.91487	2.155182	.0896112	.3105369	229.8554
#2	.0077418	.0114205	29.98876	2.223091	.0889835	.3120211	231.6414
#3	.0076268	.0112425	29.95764	2.198936	.0884410	.3096926	229.5887

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.218376	26.44108	.2165087	.0092204	2.547876	.3003324	1.067228
Stddev	.004405	.09949	.0014667	.0000997	.049218	.0010240	.009988
%RSD	.1368806	.3762582	.6774487	1.081056	1.931722	.3409581	.9358983

#1	3.218942	26.46038	.2180641	.0091161	2.557546	.2991878	1.062757
#2	3.213714	26.52949	.2163114	.0092304	2.591540	.3006478	1.078670
#3	3.222470	26.33335	.2151506	.0093147	2.494540	.3011617	1.060256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.09579	3.926835	-.595723	.0038077	1.578636	3.251114	.0378754
Stddev	.09701	.042431	.000558	.0000325	.008276	.019849	.0035181
%RSD	.8019927	1.080535	.0936349	.8544043	.5242293	.6105443	9.288560

#1	12.08010	3.953540	-.595132	.0037798	1.587278	3.245780	.0342108
#2	12.19969	3.949057	-.596240	.0038434	1.577847	3.273085	.0381895
#3	12.00759	3.877909	-.595795	.0037999	1.570783	3.234476	.0412259

Sample Name: I5286-02 Acquired: 9/20/2017 14:40:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3B6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.344827	.0589769	.0858172
Stddev	.008692	.0005619	.0003660
%RSD	.3706778	.9527803	.4264885

#1	2.339086	.0587168	.0858494
#2	2.354827	.0596218	.0861660
#3	2.340568	.0585922	.0854362

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	839.8340	1473.575	37915.90	12657.09	2545.341
Stddev	8.1119	12.626	424.16	28.05	14.685
%RSD	.9658898	.8568157	1.118697	.2216358	.5769325

#1	846.4060	1460.089	38379.11	12656.94	2529.335
#2	830.7680	1475.519	37546.48	12629.11	2548.495
#3	842.3280	1485.115	37822.12	12685.22	2558.192

Sample Name: I5286-03 Acquired: 9/20/2017 14:45:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0762903	-.040690	.5944847	-.009850	.0053880	90.72255	.7900308
Stddev	.0038011	.002621	.0008956	.002551	.0008680	.01353	.0020571
%RSD	4.982431	6.441270	.1506454	25.89477	16.10944	.0149188	.2603860

#1	.0719043	-.041674	.5948827	-.011081	.0053471	90.72083	.7919565
#2	.0783394	-.042676	.5934592	-.006918	.0062758	90.73687	.7902725
#3	.0786272	-.037719	.5951123	-.011552	.0045413	90.70996	.7878635

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075711	.0118539	31.78320	2.153837	.0926186	.3044594	232.2433
Stddev	.0001520	.0000876	.19801	.004356	.0001931	.0014327	.5458
%RSD	2.007134	.7388143	.6230176	.2022386	.2084464	.4705612	.2349966

#1	.0074109	.0119353	31.60499	2.149563	.0927251	.3055970	231.6632
#2	.0077131	.0117613	31.74825	2.153678	.0927350	.3049307	232.3201
#3	.0075894	.0118651	31.99637	2.158270	.0923958	.3028504	232.7466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.523628	25.30199	.2488048	.0098547	2.338900	.2895407	.8721337
Stddev	.011477	.13068	.0008921	.0000521	.134024	.0020962	.0083590
%RSD	.3257118	.5164633	.3585375	.5290562	5.730230	.7239765	.9584537

#1	3.512854	25.15751	.2478501	.0098108	2.325318	.2871580	.8660803
#2	3.522334	25.41190	.2496171	.0099123	2.212184	.2903627	.8686496
#3	3.535698	25.33658	.2489471	.0098409	2.479198	.2911013	.8816712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.73857	3.670381	-.597342	.0047951	1.428554	3.655608	.0454020
Stddev	.03885	.032065	.003236	.0004694	.014943	.019122	.0005656
%RSD	.3617745	.8736091	.5417456	9.789320	1.046030	.5230756	1.245816

#1	10.72328	3.707013	-.593739	.0050280	1.445379	3.644317	.0454097
#2	10.78273	3.656729	-.600003	.0042548	1.423456	3.677686	.0448326
#3	10.70969	3.647402	-.598283	.0051026	1.416827	3.644821	.0459638

Sample Name: I5286-03 Acquired: 9/20/2017 14:45:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.452724	.0548103	.0921227
Stddev	.001985	.0003657	.0001371
%RSD	.0809106	.6671524	.1488046

#1	2.454575	.0547674	.0922425
#2	2.450629	.0551956	.0921524
#3	2.452970	.0544680	.0919732

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	831.5317	1477.996	37521.59	12626.58	2556.870
Stddev	3.5042	6.396	100.30	36.47	7.426
%RSD	.4214116	.4327481	.2673113	.2888608	.2904244

#1	835.1320	1470.611	37508.29	12646.57	2548.739
#2	828.1323	1481.738	37428.61	12584.48	2558.577
#3	831.3309	1481.638	37627.88	12648.69	2563.294

Sample Name: I5286-04 Acquired: 9/20/2017 14:49:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0443920	-.043755	1.631639	-.005661	.0070412	112.1485	1.222101
Stddev	.0027506	.002760	.011844	.000620	.0004519	3.6963	.042888
%RSD	6.196175	6.307515	.7258789	10.95155	6.418002	3.295886	3.509395

#1	.0456802	-.045322	1.618497	-.005446	.0071261	114.6395	1.253896
#2	.0412337	-.040568	1.634931	-.006360	.0065529	113.9046	1.239086
#3	.0462622	-.045375	1.641487	-.005178	.0074447	107.9016	1.173322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083278	.0156160	12.84728	1.735336	.0928159	.3422046	234.3001
Stddev	.0002011	.0006384	.41304	.019479	.0012036	.0118237	7.2995
%RSD	2.415092	4.088409	3.215016	1.122520	1.296777	3.455157	3.115464

#1	.0084355	.0152160	13.16223	1.714182	.0914896	.3502887	238.9900
#2	.0084522	.0152797	12.99997	1.739293	.0931192	.3476907	238.0204
#3	.0080958	.0163522	12.37963	1.752533	.0938388	.3286344	225.8900

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.120246	23.18593	.2355255	.0086056	1.981348	.3556182	1.525943
Stddev	.137290	.70939	.0024183	.0006241	.081865	.0118197	.023232
%RSD	3.332080	3.059578	1.026757	7.252033	4.131764	3.323697	1.522438

#1	4.215825	23.63971	.2328358	.0092359	2.046038	.3627917	1.499595
#2	4.181986	23.54963	.2375201	.0085930	2.008696	.3620868	1.534755
#3	3.962925	22.36845	.2362206	.0079879	1.889310	.3419761	1.543480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.02403	5.380466	-.617999	.0061849	1.362887	2.839170	.1381194
Stddev	.39950	.092197	.017887	.0002530	.027195	.072124	.0024328
%RSD	3.623856	1.713543	2.894291	4.091040	1.995412	2.540302	1.761342

#1	11.29764	5.274007	-.628780	.0061851	1.332735	2.889254	.1372242
#2	11.20887	5.433761	-.627866	.0064378	1.370365	2.871753	.1408729
#3	10.56559	5.433631	-.597352	.0059318	1.385560	2.756505	.1362610

Sample Name: I5286-04 Acquired: 9/20/2017 14:49:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3B8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.596249	.0445121	.0535760
Stddev	.117100	.0016190	.0019120
%RSD	3.256174	3.637309	3.568681

#1	3.678816	.0457409	.0549414
#2	3.647699	.0451179	.0543958
#3	3.462232	.0426775	.0513909

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	884.7505	1568.736	39656.85	13653.43	2567.914
Stddev	8.7164	6.440	301.34	410.42	15.826
%RSD	.9851862	.4105193	.7598783	3.005982	.6162998

#1	893.9641	1574.801	39980.54	13377.07	2585.743
#2	883.6521	1569.431	39605.56	13458.21	2562.472
#3	876.6354	1561.977	39384.44	14125.03	2555.527

Sample Name: I5286-08 Acquired: 9/20/2017 14:53:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0657115	-.045947	.8492186	-.005227	.0061943	117.9863	.9706904
Stddev	.0034257	.001334	.0068440	.004174	.0025118	.3737	.0053119
%RSD	5.213203	2.904039	.8059128	79.85938	40.55040	.3167113	.5472336

#1	.0684579	-.044810	.8415041	-.009781	.0032949	118.2956	.9733132
#2	.0668037	-.047416	.8515911	-.004318	.0077086	117.5711	.9645772
#3	.0618729	-.045615	.8545606	-.001582	.0075795	118.0923	.9741809

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086370	.0149994	17.09468	2.021373	.1071977	.3262547	259.5396
Stddev	.0001513	.0002129	.09094	.018326	.0012249	.0031621	1.0501
%RSD	1.752198	1.419267	.5319492	.9066161	1.142683	.9692047	.4046061

#1	.0085349	.0150716	17.03285	2.035838	.1058077	.3295462	260.7512
#2	.0085652	.0147598	17.19909	2.027517	.1081195	.3232403	258.8922
#3	.0088109	.0151668	17.05209	2.000764	.1076658	.3259776	258.9754

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.072204	29.79282	.2162284	.0109944	2.089711	.3586967	1.228243
Stddev	.007751	.07032	.0023066	.0000386	.052590	.0011154	.003694
%RSD	.1903390	.2360364	1.066731	.3505976	2.516598	.3109452	.3007519

#1	4.076494	29.86283	.2137386	.0110055	2.037853	.3584520	1.228119
#2	4.063256	29.72219	.2166542	.0109515	2.143003	.3577241	1.224612
#3	4.076862	29.79343	.2182924	.0110261	2.088277	.3599141	1.231997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.74090	4.530602	-.682939	.0039261	1.218986	4.565636	.0457277
Stddev	.09943	.052557	.006695	.0002261	.013193	.010524	.0042175
%RSD	.8468483	1.160050	.9803880	5.759628	1.082289	.2305105	9.223151

#1	11.78175	4.470425	-.690599	.0040393	1.203775	4.577764	.0504203
#2	11.62755	4.567494	-.678206	.0040732	1.227323	4.558905	.0422536
#3	11.81339	4.553888	-.680010	.0036657	1.225859	4.560238	.0445091

Sample Name: I5286-08 Acquired: 9/20/2017 14:53:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.746135	.0576953	.0591081
Stddev	.016380	.0004098	.0002576
%RSD	.4372565	.7102496	.4357241

#1	3.764029	.0579248	.0591250
#2	3.731882	.0572222	.0588424
#3	3.742493	.0579389	.0593567

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	848.0619	1475.417	38016.44	12595.07	2463.595
Stddev	.9712	1.204	188.75	91.99	13.400
%RSD	.1145238	.0815831	.4964881	.7303595	.5439099

#1	846.9914	1474.473	37819.89	12493.83	2478.265
#2	848.3075	1476.772	38033.18	12673.54	2452.000
#3	848.8867	1475.006	38196.27	12617.83	2460.521

Sample Name: I5286-09 Acquired: 9/20/2017 14:57:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0578239	-.046178	.8233207	-.005804	.0072896	111.6577	.9299199
Stddev	.0044771	.001092	.0033139	.007228	.0005654	.3819	.0018433
%RSD	7.742705	2.364815	.4025053	124.5370	7.756729	.3420404	.1982217

#1	.0527873	-.045675	.8195248	-.000598	.0075959	112.0943	.9317304
#2	.0593327	-.047431	.8247998	-.014056	.0066371	111.4937	.9280455
#3	.0613517	-.045429	.8256375	-.002757	.0076358	111.3853	.9299838

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083384	.0137159	15.87604	1.572992	.1036876	.3205943	250.5933
Stddev	.0000295	.0001409	.08832	.003258	.0002893	.0011929	1.0006
%RSD	.3538600	1.026971	.5563391	.2071259	.2790535	.3720824	.3993020

#1	.0083046	.0138096	15.84608	1.573840	.1033660	.3219657	251.3775
#2	.0083517	.0135539	15.80660	1.575743	.1039269	.3197974	250.9362
#3	.0083590	.0137842	15.97545	1.569394	.1037699	.3200197	249.4664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.064088	29.19201	.2213576	.0097179	2.115590	.3461897	1.175486
Stddev	.007004	.15501	.0004279	.0001685	.025774	.0046280	.007472
%RSD	.1723408	.5309995	.1932878	1.734152	1.218292	1.336849	.6356180

#1	4.057156	29.20901	.2218291	.0095960	2.132332	.3503799	1.174041
#2	4.071162	29.33781	.2209941	.0099103	2.085910	.3412222	1.183575
#3	4.063946	29.02920	.2212494	.0096476	2.128528	.3469670	1.168843

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97364	4.400805	-.655865	.0041346	1.086215	3.653987	.0416512
Stddev	.03122	.001062	.001704	.0003502	.006877	.033881	.0022719
%RSD	.2844922	.0241336	.2597924	8.469566	.6330738	.9272420	5.454519

#1	11.00265	4.399701	-.655644	.0044653	1.082893	3.691349	.0441131
#2	10.97768	4.400895	-.657668	.0037678	1.081630	3.645356	.0396355
#3	10.94060	4.401820	-.654282	.0041707	1.094121	3.625256	.0412051

Sample Name: I5286-09 Acquired: 9/20/2017 14:57:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.651018	.0560971	.0557545
Stddev	.014666	.0001936	.0000463
%RSD	.4016921	.3451988	.0830954

#1	3.663628	.0560849	.0557915
#2	3.654503	.0559098	.0557695
#3	3.634924	.0562965	.0557026

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	857.2458	1527.661	38591.14	12963.30	2557.344
Stddev	6.0100	11.073	257.78	53.47	10.292
%RSD	.7010806	.7248445	.6679863	.4124769	.4024645

#1	851.3024	1515.099	38487.89	12926.06	2545.468
#2	857.1146	1531.874	38400.98	12939.26	2562.894
#3	863.3202	1536.009	38884.54	13024.57	2563.671

Sample Name: I5286-10 Acquired: 9/20/2017 15:01:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527591	-.042872	.7127336	-.005372	.0064114	100.7620	.8316054
Stddev	.0026985	.000726	.0060425	.004471	.0020795	3.5205	.0292693
%RSD	5.114807	1.693532	.8477874	83.22111	32.43420	3.493862	3.519611

#1	.0548837	-.042116	.7058240	-.000376	.0040940	104.6387	.8633660
#2	.0497228	-.043564	.7170278	-.008995	.0070257	99.8832	.8257320
#3	.0536707	-.042938	.7153490	-.006747	.0081146	97.7642	.8057182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076402	.0137448	16.77003	1.434327	.0974949	.2932691	223.7718
Stddev	.0001804	.0003305	.58547	.007557	.0010831	.0126278	7.7194
%RSD	2.361604	2.404648	3.491153	.5268351	1.110935	4.305874	3.449669

#1	.0078314	.0133693	17.44251	1.425781	.0964554	.3072450	232.3559
#2	.0076161	.0138736	16.49378	1.440122	.0986169	.2898819	221.5592
#3	.0074730	.0139916	16.37380	1.437079	.0974126	.2826803	217.4004

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.662806	26.76459	.2099682	.0094419	2.005500	.3106704	1.049008
Stddev	.132740	.96042	.0015038	.0003837	.067636	.0106778	.003759
%RSD	3.623995	3.588397	.7161906	4.064292	3.372505	3.437030	.3583431

#1	3.814084	27.83851	.2092801	.0098837	2.016871	.3218087	1.051114
#2	3.608521	26.46729	.2116929	.0092509	2.066730	.3096805	1.044668
#3	3.565812	25.98798	.2089316	.0091912	1.932900	.3005220	1.051241

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.802804	4.108332	-.589821	.0034544	1.229366	3.261942	.0423861
Stddev	.394185	.028331	.021058	.0005067	.010019	.100014	.0011593
%RSD	4.021148	.6896079	3.570185	14.66765	.8149417	3.066102	2.735174

#1	10.22227	4.077037	-.610186	.0039596	1.218225	3.360290	.0428605
#2	9.74610	4.115728	-.591146	.0029462	1.237634	3.265195	.0432331
#3	9.44004	4.132232	-.568133	.0034574	1.232240	3.160341	.0410649

Sample Name: I5286-10 Acquired: 9/20/2017 15:01:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.300423	.0538951	.0574843
Stddev	.119146	.0019528	.0021745
%RSD	3.610013	3.623266	3.782811

#1	3.432640	.0559035	.0598584
#2	3.267248	.0537787	.0570053
#3	3.201380	.0520032	.0555893

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	881.0849	1533.638	39380.63	13395.53	2605.841
Stddev	6.0949	1.177	266.38	441.40	9.483
%RSD	.6917442	.0767701	.6764135	3.295119	.3639216

#1	888.0354	1534.849	39684.57	12924.22	2611.191
#2	876.6529	1532.497	39187.78	13463.17	2594.891
#3	878.5665	1533.569	39269.55	13799.21	2611.439

Sample Name: I5286-11 Acquired: 9/20/2017 15:05:09 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0675414	-.043438	.8839905	-.004082	.0058031	105.6851	.9875400
Stddev	.0020204	.004540	.0035403	.006134	.0039233	2.3916	.0225508
%RSD	2.991395	10.45081	.4004848	150.2734	67.60721	2.262929	2.283531

#1	.0652955	-.042788	.8800642	-.000028	.0022289	108.4366	1.013567
#2	.0681173	-.039259	.8849679	-.001079	.0051795	104.1054	.973831
#3	.0692114	-.048268	.8869393	-.011139	.0100008	104.5134	.975222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082352	.0134468	20.47092	2.986951	.1035548	.3872242	245.9229
Stddev	.0002369	.0002935	.40886	.015246	.0003822	.0097982	5.1576
%RSD	2.876125	2.182827	1.997275	.5104036	.3690525	2.530371	2.097243

#1	.0084487	.0132153	20.94047	3.003321	.1031484	.3985193	251.8388
#2	.0082765	.0137769	20.19357	2.984374	.1039069	.3810105	242.3718
#3	.0079804	.0133483	20.27872	2.973158	.1036091	.3821427	243.5580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.046403	25.20324	.3930728	.0101136	2.242985	.3031822	1.302930
Stddev	.091283	.59080	.0008382	.0003882	.017806	.0089027	.010337
%RSD	2.255915	2.344134	.2132514	3.838321	.7938647	2.936415	.7933621

#1	4.151788	25.88429	.3929040	.0103739	2.263426	.3134518	1.308859
#2	3.991945	24.82850	.3923318	.0102995	2.230845	.2976485	1.308936
#3	3.995475	24.89694	.3939826	.0096674	2.234684	.2984462	1.290994

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.72149	8.577344	-.636545	.0046209	1.837310	4.264953	.0527344
Stddev	.32748	.051938	.012588	.0004641	.010967	.093614	.0032978
%RSD	2.386652	.6055270	1.977521	10.04440	.5969006	2.194969	6.253628

#1	14.09922	8.578729	-.651079	.0050001	1.844457	4.371430	.0489291
#2	13.51721	8.628575	-.629106	.0047592	1.842790	4.227855	.0545139
#3	13.54805	8.524727	-.629451	.0041033	1.824683	4.195573	.0547602

Sample Name: I5286-11 Acquired: 9/20/2017 15:05:09 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3C3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.467897	.0603448	.0759842
Stddev	.052779	.0015317	.0017350
%RSD	2.138630	2.538278	2.283409

#1	2.528590	.0621121	.0779876
#2	2.432766	.0593998	.0749804
#3	2.442334	.0595226	.0749844

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	847.7353	1503.356	38323.85	12689.36	2584.087
Stddev	1.8971	11.605	158.50	267.64	8.589
%RSD	.2237851	.7719421	.4135772	2.109160	.3323880

#1	849.8395	1490.096	38141.71	12382.24	2574.216
#2	846.1558	1511.661	38430.48	12872.78	2589.857
#3	847.2106	1508.311	38399.35	12813.05	2588.188

Sample Name: I5286-12 Acquired: 9/20/2017 15:09:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0628691	-.040778	.7857591	-.004579	.0065131	103.1480	1.492414
Stddev	.0006764	.002090	.0014499	.000351	.0006322	.3565	.004257
%RSD	1.075936	5.125319	.1845237	7.672460	9.707138	.3456060	.2852610

#1	.0627122	-.042908	.7867588	-.004438	.0064749	103.5008	1.496258
#2	.0622849	-.040696	.7840962	-.004978	.0071636	103.1553	1.493144
#3	.0636102	-.038731	.7864224	-.004319	.0059008	102.7879	1.487838

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080553	.0148480	23.83887	1.545305	.1008164	.4080399	236.8502
Stddev	.0000773	.0001585	.07770	.058463	.0008723	.0028583	.4490
%RSD	.9593937	1.067583	.3259335	3.783283	.8652160	.7004837	.1895518

#1	.0081436	.0148145	23.75871	1.581530	.0998226	.4110597	236.7587
#2	.0080219	.0147089	23.91385	1.477860	.1014551	.4076831	237.3378
#3	.0080003	.0150206	23.84403	1.576526	.1011715	.4053767	236.4540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.122384	26.65680	.2639483	.0121809	2.013464	.2960281	1.278425
Stddev	.007138	.12854	.0007900	.0001730	.076561	.0023398	.057979
%RSD	.1731641	.4822061	.2992967	1.420590	3.802469	.7903967	4.535178

#1	4.114344	26.65359	.2632968	.0120074	2.098467	.2959652	1.317190
#2	4.124831	26.78692	.2637211	.0123535	1.991999	.2937204	1.211772
#3	4.127978	26.52990	.2648270	.0121817	1.949926	.2983987	1.306314

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.65382	6.849440	-.611650	.0045978	1.306867	4.958667	.0487865
Stddev	.06526	.030963	.001787	.0002195	.010631	.013211	.0020858
%RSD	.5599660	.4520492	.2921333	4.773096	.8134977	.2664158	4.275432

#1	11.69959	6.829211	-.612422	.0046403	1.316507	4.966338	.0506876
#2	11.68277	6.885085	-.612921	.0043602	1.308630	4.943412	.0491165
#3	11.57910	6.834025	-.609607	.0047928	1.295465	4.966250	.0465553

Sample Name: I5286-12 Acquired: 9/20/2017 15:09:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3C4 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.680999	.0610770	.0831569
Stddev	.010556	.0002687	.0002176
%RSD	.3937192	.4399900	.2616563

#1	2.690570	.0613636	.0832627
#2	2.682750	.0610367	.0833014
#3	2.669678	.0608307	.0829067

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	861.9673	1503.510	38713.79	12679.34	2599.749
Stddev	33.5883	2.958	1343.39	77.76	1.094
%RSD	3.896701	.1967612	3.470044	.6132893	.0420758

#1	836.8426	1501.107	37782.21	12650.25	2598.830
#2	900.1175	1506.814	40253.74	12620.32	2600.959
#3	848.9419	1502.609	38105.44	12767.45	2599.459

Sample Name: I5286-13 Acquired: 9/20/2017 15:13:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0356985	-.040557	.6122992	-.003162	.0042285	106.3080	.9182129
Stddev	.0021561	.003221	.0030257	.007563	.0013867	.2313	.0034493
%RSD	6.039763	7.943074	.4941523	239.1905	32.79354	.2175298	.3756589

#1	.0381067	-.038076	.6139505	-.006562	.0049553	106.3936	.9171898
#2	.0339475	-.039397	.6088072	-.008429	.0026295	106.0461	.9153909
#3	.0350412	-.044198	.6141401	.005505	.0051007	106.4841	.9220581

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083000	.0095222	12.07828	1.583368	.0936645	.2138557	198.7466
Stddev	.0000809	.0003711	.07153	.000949	.0006235	.0004889	.8432
%RSD	.9745254	3.896780	.5922189	.0599163	.6656385	.2286031	.4242513

#1	.0083905	.0091119	12.02145	1.584460	.0940465	.2143272	199.6347
#2	.0082348	.0096207	12.15860	1.582898	.0940019	.2138888	197.9570
#3	.0082747	.0098341	12.05479	1.582747	.0929450	.2133511	198.6480

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.920433	21.92256	.1876613	.0063030	1.779590	.3007469	.6061712
Stddev	.004518	.14066	.0006690	.0001187	.038754	.0031431	.0114271
%RSD	.0918185	.6416340	.3564936	1.882562	2.177672	1.045093	1.885126

#1	4.915637	22.01760	.1873526	.0061663	1.737164	.3030413	.5941649
#2	4.921052	21.76097	.1884289	.0063634	1.788479	.2971644	.6074347
#3	4.924609	21.98911	.1872023	.0063792	1.813126	.3020350	.6169141

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.458115	4.466466	-.523068	.0034469	1.318890	3.761976	.0320050
Stddev	.032988	.025690	.004976	.0003082	.003057	.027544	.0010555
%RSD	.4423088	.5751692	.9512899	8.942318	.2318193	.7321601	3.297884

#1	7.489178	4.448539	-.528730	.0031082	1.321302	3.793656	.0329155
#2	7.423491	4.454961	-.519389	.0035216	1.315451	3.748574	.0322513
#3	7.461677	4.495897	-.521085	.0037109	1.319916	3.743698	.0308481

Sample Name: I5286-13 Acquired: 9/20/2017 15:13:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3C5 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.342716	.0462767	.0416542
Stddev	.012801	.0003009	.0000928
%RSD	.5464325	.6502253	.2227944

#1	2.353996	.0462635	.0416697
#2	2.328803	.0459827	.0415546
#3	2.345348	.0465841	.0417383

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	933.2091	1654.088	42015.64	13995.49	2591.828
Stddev	4.6879	5.852	84.16	69.26	3.831
%RSD	.5023457	.3537870	.2003061	.4948818	.1478239

#1	938.1537	1648.355	42059.43	13918.39	2587.486
#2	932.6446	1660.052	42068.87	14052.45	2593.266
#3	928.8289	1653.858	41918.61	14015.62	2594.732

Sample Name: I5286-14 Acquired: 9/20/2017 15:17:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0355546	-.042627	.9196977	-.003180	.0045467	111.6975	.9582632
Stddev	.0037478	.004780	.0017978	.002812	.0003450	.2821	.0044369
%RSD	10.54109	11.21423	.1954784	88.44481	7.588859	.2525955	.4630178

#1	.0393434	-.043375	.9192174	-.006423	.0041904	111.3973	.9532605
#2	.0354713	-.046989	.9181888	-.001424	.0045705	111.9572	.9598074
#3	.0318491	-.037517	.9216869	-.001692	.0048792	111.7381	.9617217

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084516	.0100848	11.73046	1.487835	.0940858	.2107955	215.4152
Stddev	.0000940	.0003681	.05200	.005048	.0005066	.0017347	.5558
%RSD	1.112852	3.649768	.4432960	.3393157	.5384142	.8229132	.2579905

#1	.0085197	.0103188	11.76180	1.493665	.0945033	.2108835	214.8686
#2	.0083443	.0102750	11.75915	1.484907	.0935223	.2090185	215.3974
#3	.0084910	.0096605	11.67044	1.484934	.0942318	.2124844	215.9797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.660421	21.76542	.2087265	.0070674	2.326081	.3165145	.6305515
Stddev	.018314	.05839	.0008248	.0001528	.050000	.0027516	.0045067
%RSD	.3929747	.2682691	.3951782	2.161331	2.149553	.8693487	.7147235

#1	4.643261	21.75207	.2080743	.0069132	2.315616	.3146849	.6352984
#2	4.658298	21.82933	.2084514	.0070703	2.282142	.3196789	.6300248
#3	4.679704	21.71486	.2096537	.0072186	2.380486	.3151798	.6263313

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.162048	4.191089	-.567791	.0038812	.9893517	3.502617	.0297913
Stddev	.050659	.016306	.004294	.0008442	.0087527	.016389	.0005587
%RSD	.6206616	.3890548	.7563530	21.74963	.8846897	.4679192	1.875391

#1	8.105073	4.194965	-.572729	.0045755	.9792659	3.521345	.0297319
#2	8.202012	4.173194	-.564929	.0029416	.9949576	3.490896	.0292646
#3	8.179060	4.205107	-.565715	.0041266	.9938317	3.495609	.0303773

Sample Name: I5286-14 Acquired: 9/20/2017 15:17:10 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3C6 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.330608	.0478709	.0455120
Stddev	.009192	.0000523	.0001249
%RSD	.3943981	.1093656	.2744467

#1	2.320378	.0478119	.0453730
#2	2.333274	.0478888	.0455482
#3	2.338172	.0479119	.0456148

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	912.3059	1611.814	40803.46	13628.31	2560.477
Stddev	5.7912	10.762	109.79	9.00	9.987
%RSD	.6347916	.6676928	.2690773	.0660736	.3900469

#1	912.4270	1599.408	40755.02	13618.19	2549.570
#2	906.4551	1618.642	40726.21	13635.42	2569.173
#3	918.0356	1617.392	40929.14	13631.33	2562.690

Sample Name: I5286-15 Acquired: 9/20/2017 15:21:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547677	-.051451	2.458756	-.007075	.0038815	134.4034	1.245400
Stddev	.0038371	.003509	.003877	.002647	.0005494	.3987	.004972
%RSD	7.006122	6.820638	.1576608	37.40575	14.15539	.2966182	.3992321

#1	.0590786	-.055363	2.458775	-.004242	.0039974	134.1796	1.243600
#2	.0517258	-.048581	2.462623	-.007499	.0043638	134.8636	1.251021
#3	.0534989	-.050408	2.454870	-.009484	.0032834	134.1668	1.241578

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097595	.0145619	32.29077	3.002444	.1094332	.4322115	269.9067
Stddev	.0001801	.0003022	.18663	.003178	.0004740	.0019283	.9501
%RSD	1.844825	2.075317	.5779532	.1058511	.4331208	.4461390	.3520164

#1	.0096975	.0148957	32.12970	3.005335	.1090763	.4336123	268.8310
#2	.0099624	.0144830	32.24732	2.999041	.1099710	.4330099	270.2581
#3	.0096187	.0143070	32.49529	3.002957	.1092523	.4300123	270.6312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.991174	35.10822	.2641870	.0098535	2.673100	.3832969	1.454931
Stddev	.019585	.05002	.0017040	.0003496	.080483	.0048909	.017899
%RSD	.4907122	.1424846	.6449946	3.547795	3.010860	1.276021	1.230234

#1	3.970862	35.05360	.2655590	.0094664	2.713227	.3812126	1.435284
#2	3.992717	35.11929	.2647225	.0099478	2.580442	.3888848	1.459199
#3	4.009941	35.15179	.2622796	.0101462	2.725630	.3797934	1.470311

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.25672	7.015002	-.707304	.0051018	2.098232	3.995264	.1269013
Stddev	.10045	.032438	.003655	.0003077	.009780	.025454	.0012821
%RSD	.5502152	.4624025	.5167550	6.031611	.4661290	.6370975	1.010350

#1	18.34186	7.052446	-.711503	.0048307	2.104048	4.024517	.1283599
#2	18.28237	6.995486	-.704831	.0050383	2.086940	3.983107	.1263916
#3	18.14593	6.997073	-.705579	.0054363	2.103708	3.978168	.1259524

Sample Name: I5286-15 Acquired: 9/20/2017 15:21:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.528346	.0719247	.1171746
Stddev	.004195	.0006095	.0001893
%RSD	.1188914	.8473812	.1615929

#1	3.523751	.0723107	.1171382
#2	3.531971	.0722413	.1173795
#3	3.529316	.0712220	.1170061

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	853.2152	1514.722	38665.58	13061.80	2507.897
Stddev	.8409	5.841	39.57	49.40	8.634
%RSD	.0985624	.3855871	.1023263	.3781895	.3442692

#1	852.2446	1507.984	38706.89	13012.95	2497.955
#2	853.7243	1518.352	38661.82	13060.72	2513.508
#3	853.6768	1517.828	38628.03	13111.72	2512.228

Sample Name: I5286-16 Acquired: 9/20/2017 15:25:12 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502347	-.046957	2.901775	-.005714	.0059595	113.2781	1.040561
Stddev	.0018383	.004589	.008516	.001897	.0008945	.8794	.004184
%RSD	3.659343	9.772515	.2934634	33.20683	15.01029	.7763041	.4020665

#1	.0506070	-.045922	2.906446	-.003999	.0067285	114.2920	1.044361
#2	.0518583	-.042974	2.906933	-.005390	.0061722	112.7227	1.041244
#3	.0482388	-.051975	2.891946	-.007752	.0049778	112.8197	1.036078

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084091	.0139458	38.30937	1.654191	.0951294	.3603613	230.1316
Stddev	.0001339	.0001868	.11734	.006296	.0004451	.0022154	1.7621
%RSD	1.592263	1.339631	.3063006	.3805799	.4679235	.6147763	.7656820

#1	.0084500	.0141502	38.18363	1.651064	.0949458	.3627678	232.0067
#2	.0082595	.0137840	38.32853	1.650071	.0956369	.3599093	228.5100
#3	.0085178	.0139031	38.41596	1.661438	.0948054	.3584066	229.8781

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.575617	36.37628	.2448911	.0095209	2.164794	.3243365	1.181601
Stddev	.004476	.35084	.0005583	.0004187	.091402	.0013212	.006404
%RSD	.1251710	.9644634	.2279778	4.397932	4.222196	.4073469	.5419349

#1	3.573168	36.77909	.2452782	.0099845	2.180523	.3230341	1.181571
#2	3.572901	36.13756	.2451440	.0094080	2.066548	.3242998	1.175213
#3	3.580783	36.21218	.2442511	.0091702	2.247310	.3256757	1.188020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.87382	5.124838	-.598696	.0042451	1.653835	4.497566	.1078412
Stddev	.14795	.020655	.002191	.0001857	.005886	.025982	.0020369
%RSD	1.149258	.4030402	.3659109	4.373686	.3559233	.5776909	1.888772

#1	13.03622	5.148624	-.599990	.0042771	1.653539	4.524040	.1061456
#2	12.83854	5.114467	-.599931	.0044127	1.648102	4.496553	.1072775
#3	12.74669	5.111424	-.596166	.0040455	1.659864	4.472105	.1101006

Sample Name: I5286-16 Acquired: 9/20/2017 15:25:12 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3C8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.995854	.0669002	.1102147
Stddev	.017445	.0004621	.0006436
%RSD	.5822991	.6907250	.5839643

#1	3.015501	.0673806	.1109188
#2	2.982182	.0668611	.1100684
#3	2.989880	.0664589	.1096568

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	850.0165	1506.999	38447.72	12949.49	2549.011
Stddev	7.0238	4.958	104.43	95.66	4.888
%RSD	.8263170	.3289746	.2716269	.7386880	.1917412

#1	841.9461	1503.428	38393.32	12839.05	2544.481
#2	853.3550	1512.660	38568.13	13006.13	2554.191
#3	854.7485	1504.911	38381.72	13003.29	2548.362

Sample Name: I5286-17 Acquired: 9/20/2017 15:29:15 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3C9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617551	-.043602	1.503554	-.003804	.0069526	120.2077	1.304081
Stddev	.0043224	.005940	.004703	.003768	.0018139	.3114	.001576
%RSD	6.999248	13.62379	.3128075	99.03733	26.08978	.2590625	.1208325

#1	.0638653	-.047650	1.507437	-.003892	.0090244	120.1100	1.305900
#2	.0567829	-.036782	1.504902	.000007	.0061833	119.9568	1.303129
#3	.0646170	-.046373	1.498325	-.007527	.0056501	120.5562	1.303214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095859	.0142062	11.32113	1.705619	.1123524	.2999531	228.6699
Stddev	.0001554	.0001205	.12510	.020040	.0005433	.0008553	.7971
%RSD	1.621342	.8483184	1.105000	1.174957	.4835388	.2851350	.3485779

#1	.0094900	.0140966	11.32166	1.687607	.1128619	.2998096	228.3781
#2	.0097652	.0141868	11.19576	1.727206	.1117807	.3008710	228.0598
#3	.0095025	.0143353	11.44596	1.702044	.1124144	.2991786	229.5717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.912089	21.47207	.2321191	.0070637	2.298451	.3330716	1.222342
Stddev	.009943	.06164	.0011128	.0000365	.061000	.0017062	.012750
%RSD	.1681748	.2870649	.4794038	.5161272	2.653946	.5122676	1.043066

#1	5.914629	21.43458	.2331330	.0070223	2.275065	.3311034	1.211631
#2	5.901123	21.43842	.2322959	.0070913	2.367683	.3339785	1.236444
#3	5.920515	21.54321	.2309285	.0070773	2.252604	.3341328	1.218949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.948715	9.261303	-.611178	.0055360	1.448000	6.763693	.0735287
Stddev	.046338	.103952	.001496	.0004803	.017513	.622746	.0026833
%RSD	.5829671	1.122439	.2447241	8.676428	1.209489	9.207187	3.649349

#1	7.942260	9.348137	-.612261	.0060518	1.463052	7.480969	.0746317
#2	7.905943	9.146115	-.609471	.0051015	1.428778	6.360913	.0704697
#3	7.997943	9.289656	-.611801	.0054547	1.452171	6.449197	.0754848

Sample Name: I5286-17 Acquired: 9/20/2017 15:29:15 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3C9 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.513706	.0500399	.0525868
Stddev	.017040	.0000475	.0000364
%RSD	.6778949	.0948333	.0691653

#1	2.502717	.0500085	.0526288
#2	2.505064	.0500945	.0525657
#3	2.533335	.0500167	.0525659

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	965.0334	1719.030	43336.55	14494.37	2553.618
Stddev	3.0372	10.785	326.83	39.09	14.984
%RSD	.3147247	.6273790	.7541566	.2697096	.5867669

#1	968.1689	1707.048	43702.37	14457.46	2537.787
#2	962.1051	1722.078	43073.35	14535.33	2555.487
#3	964.8262	1727.962	43233.94	14490.31	2567.580

Sample Name: I5286-18 Acquired: 9/20/2017 15:33:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520795	-.035994	1.296833	-.004070	.0058144	95.29825	1.005074
Stddev	.0029221	.004480	.003664	.004332	.0007635	.22162	.002099
%RSD	5.610806	12.44527	.2825469	106.4485	13.13185	.2325569	.2088756

#1	.0518393	-.036544	1.293334	.000269	.0064164	95.11217	1.002999
#2	.0551143	-.040173	1.296523	-.008396	.0049556	95.23913	1.005026
#3	.0492849	-.031265	1.300642	-.004083	.0060713	95.54343	1.007197

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077376	.0112000	9.466657	1.221617	.0844524	.2725057	186.3556
Stddev	.0000465	.0000582	.080466	.003082	.0004018	.0009970	.6182
%RSD	.6006347	.5195844	.8499893	.2522475	.4757848	.3658555	.3317342

#1	.0077903	.0112268	9.559096	1.223672	.0844628	.2725965	186.0591
#2	.0077198	.0111332	9.428566	1.218074	.0840454	.2714665	185.9415
#3	.0077026	.0112399	9.412310	1.223105	.0848489	.2734542	187.0662

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.773646	17.51879	.1580599	.0067976	1.779252	.2783983	1.117326
Stddev	.016442	.10530	.0010722	.0001569	.027378	.0035570	.009228
%RSD	.3444244	.6010923	.6783419	2.308501	1.538738	1.277668	.8258897

#1	4.761275	17.40183	.1579617	.0066283	1.807080	.2750625	1.113242
#2	4.767360	17.54845	.1570402	.0069382	1.752348	.2779910	1.127891
#3	4.792303	17.60608	.1591778	.0068264	1.778326	.2821415	1.110845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.665957	8.506273	-.491664	.0050041	1.300684	4.272304	.0485446
Stddev	.025210	.029842	.000614	.0001881	.003951	.021946	.0030387
%RSD	.3781832	.3508222	.1249158	3.759662	.3037850	.5136839	6.259508

#1	6.637044	8.485637	-.491632	.0052035	1.300751	4.247731	.0506773
#2	6.677489	8.492692	-.491066	.0048298	1.304601	4.279227	.0498912
#3	6.683338	8.540490	-.492293	.0049790	1.296700	4.289954	.0450654

Sample Name: I5286-18 Acquired: 9/20/2017 15:33:17 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.228396	.0401555	.0401780
Stddev	.010325	.0001492	.0000525
%RSD	.4633509	.3715772	.1305427

#1	2.216493	.0403238	.0401207
#2	2.234948	.0401029	.0401897
#3	2.233746	.0400396	.0402236

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	929.2626	1638.966	41498.84	13823.55	2620.672
Stddev	2.2494	6.516	63.18	12.30	8.204
%RSD	.2420605	.3975707	.1522479	.0889585	.3130537

#1	931.5843	1632.388	41518.13	13835.80	2612.291
#2	927.0933	1639.092	41428.26	13823.65	2621.039
#3	929.1101	1645.418	41550.12	13811.20	2628.687

Sample Name: I5286-19 Acquired: 9/20/2017 15:37:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731135	-.036379	.5154428	-.005763	.0046796	72.21748	.6213206
Stddev	.0059420	.002945	.0041503	.003006	.0010398	.08081	.0012432
%RSD	8.127043	8.094864	.8051983	52.16455	22.22003	.1119008	.2000896

#1	.0667006	-.034764	.5107003	-.004995	.0035690	72.13888	.6207146
#2	.0742073	-.034596	.5184117	-.003216	.0048400	72.30033	.6204967
#3	.0784325	-.039778	.5172163	-.009080	.0056299	72.21321	.6227506

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056068	.0085334	17.16616	1.763036	.0686654	.2246793	172.7598
Stddev	.0000867	.0001466	.17595	.007530	.0004475	.0012252	.6660
%RSD	1.545947	1.717375	1.024967	.4270978	.6516890	.5452921	.3855272

#1	.0056600	.0084528	16.96576	1.771439	.0682269	.2232821	172.7607
#2	.0056537	.0087026	17.23742	1.760771	.0686480	.2255700	173.4254
#3	.0055068	.0084449	17.29529	1.756900	.0691213	.2251858	172.0933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.105743	21.17175	.1546018	.0061367	1.633668	.2089109	.8653839
Stddev	.010152	.13457	.0010652	.0003335	.130096	.0002180	.0164428
%RSD	.3268726	.6356021	.6890203	5.435229	7.963454	.1043611	1.900062

#1	3.096215	21.14572	.1542924	.0057649	1.761158	.2090308	.8817474
#2	3.116421	21.31743	.1537254	.0062354	1.638732	.2090427	.8488629
#3	3.104593	21.05210	.1557874	.0064097	1.501114	.2086593	.8655414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.971486	3.775425	-.441821	.0020090	1.307987	3.763629	.0285506
Stddev	.019570	.021691	.002070	.0004356	.006192	.017403	.0026380
%RSD	.2181327	.5745223	.4685653	21.68018	.4734244	.4623913	9.239767

#1	8.989355	3.751584	-.442681	.0016669	1.306641	3.779684	.0304291
#2	8.974532	3.780696	-.443323	.0024994	1.314742	3.766066	.0255347
#3	8.950572	3.793994	-.439460	.0018608	1.302578	3.745136	.0296879

Sample Name: I5286-19 Acquired: 9/20/2017 15:37:19 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.163666	.0458891	.0585496
Stddev	.003095	.0002484	.0001128
%RSD	.1430210	.5412847	.1927070

#1	2.166110	.0459162	.0584193
#2	2.164700	.0456283	.0586172
#3	2.160187	.0461228	.0586122

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	834.5251	1466.015	37474.15	12378.07	2642.526
Stddev	10.8462	7.521	258.82	76.48	13.516
%RSD	1.299690	.5129919	.6906708	.6178369	.5114788

#1	822.8942	1468.183	37177.38	12360.20	2645.391
#2	844.3633	1472.213	37591.94	12312.11	2654.380
#3	836.3177	1457.648	37653.13	12461.90	2627.808

Sample Name: I5286-20 Acquired: 9/20/2017 15:41:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0610151	-.030888	.5217811	.0005231	.0025187	73.38059	.6031686
Stddev	.0043550	.004766	.0042186	.0033107	.0006662	1.52068	.0118110
%RSD	7.137556	15.42921	.8085068	632.9317	26.44861	2.072313	1.958165

#1	.0562908	-.036049	.5234520	.0042902	.0018422	73.99902	.6076060
#2	.0648694	-.029962	.5249084	-.001924	.0025399	71.64813	.5897815
#3	.0618853	-.026653	.5169830	-.000797	.0031741	74.49461	.6121183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059638	.0092108	16.65858	1.524088	.0707555	.2210604	172.1901
Stddev	.0001911	.0001241	.27161	.003460	.0008820	.0052894	3.0093
%RSD	3.203569	1.347707	1.630426	.2270176	1.246514	2.392731	1.747664

#1	.0058628	.0091938	16.70542	1.520745	.0716715	.2230214	172.9619
#2	.0058445	.0090961	16.36660	1.527654	.0706830	.2150706	168.8700
#3	.0061842	.0093426	16.90372	1.523865	.0699120	.2250893	174.7383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.109227	21.67516	.1863680	.0066917	1.796451	.2100799	.8735301
Stddev	.059575	.32522	.0012429	.0003186	.077755	.0056310	.0038476
%RSD	1.916060	1.500445	.6669005	4.761779	4.328271	2.680411	.4404702

#1	3.118354	21.73815	.1865788	.0066379	1.885904	.2153198	.8708827
#2	3.045615	21.32306	.1850332	.0064033	1.758400	.2041259	.8779438
#3	3.163711	21.96429	.1874920	.0070338	1.745050	.2107942	.8717638

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.708230	3.434357	-.442596	.0020888	1.095534	3.767479	.0322791
Stddev	.187645	.008433	.006393	.0002177	.008963	.077148	.0014578
%RSD	2.154804	.2455339	1.444360	10.42051	.8181086	2.047735	4.516147

#1	8.775783	3.435650	-.443693	.0022761	1.104889	3.777923	.0332499
#2	8.496161	3.425353	-.435726	.0018500	1.087023	3.685641	.0329845
#3	8.852746	3.442069	-.448370	.0021404	1.094690	3.838873	.0306028

Sample Name: I5286-20 Acquired: 9/20/2017 15:41:23 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.197700	.0475976	.0571249
Stddev	.047738	.0011926	.0011174
%RSD	2.172180	2.505523	1.956073

#1	2.220360	.0481828	.0575513
#2	2.142852	.0462254	.0558571
#3	2.229888	.0483845	.0579663

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	833.0031	1470.789	37410.74	12538.10	2642.654
Stddev	7.5305	1.629	119.12	169.51	7.096
%RSD	.9040211	.1107707	.3184122	1.351993	.2685173

#1	826.1089	1469.108	37333.58	12448.56	2634.506
#2	831.8610	1472.361	37350.69	12733.61	2647.474
#3	841.0395	1470.899	37547.93	12432.12	2645.983

Sample Name: I5286-21 Acquired: 9/20/2017 15:45:25 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0508742	-.032677	.2997118	-.001573	.0028770	65.71164	.4912463
Stddev	.0051251	.000871	.0020900	.001157	.0014535	.54950	.0038468
%RSD	10.07414	2.666684	.6973433	73.57695	50.52136	.8362271	.7830784

#1	.0550631	-.032757	.3019309	-.002695	.0030150	65.41959	.4914511
#2	.0524002	-.033505	.2977807	-.001640	.0013594	65.36983	.4873012
#3	.0451594	-.031768	.2994238	-.000383	.0042565	66.34550	.4949867

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051651	.0084052	13.73655	2.165242	.0681186	.1784621	172.0215
Stddev	.0000702	.0000566	.09411	.001763	.0004311	.0014091	1.3381
%RSD	1.358260	.6729858	.6850919	.0814070	.6329294	.7895943	.7778765

#1	.0051627	.0083417	13.69461	2.164357	.0684169	.1775788	170.7453
#2	.0050961	.0084240	13.67069	2.164097	.0676243	.1777202	171.9053
#3	.0052364	.0084501	13.84433	2.167272	.0683147	.1800871	173.4140

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.150252	20.14857	.1826066	.0057797	1.756940	.1868543	.6790494
Stddev	.021342	.19293	.0008536	.0002140	.041800	.0005502	.0072013
%RSD	.6774563	.9575599	.4674601	3.701789	2.379136	.2944621	1.060491

#1	3.138517	20.00063	.1821811	.0055395	1.756570	.1862201	.6707511
#2	3.137354	20.07829	.1820493	.0058497	1.798925	.1871394	.6836588
#3	3.174886	20.36680	.1835893	.0059498	1.715327	.1872036	.6827382

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.181858	3.458865	-.443841	.0023904	1.196814	3.432288	.0259401
Stddev	.042222	.031001	.002633	.0002869	.005227	.014736	.0029595
%RSD	.5879032	.8962645	.5931786	12.00099	.4367066	.4293215	11.40889

#1	7.185865	3.425713	-.441540	.0026430	1.190967	3.415905	.0292979
#2	7.137775	3.463748	-.443270	.0020785	1.201033	3.444457	.0237115
#3	7.221934	3.487134	-.446712	.0024497	1.198442	3.436503	.0248108

Sample Name: I5286-21 Acquired: 9/20/2017 15:45:25 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3D3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.708650	.0465920	.0449957
Stddev	.010033	.0005490	.0002957
%RSD	.5871953	1.178409	.6571191

#1	1.698139	.0464301	.0449572
#2	1.709688	.0461420	.0447212
#3	1.718124	.0472037	.0453088

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	821.7822	1454.470	36893.83	12340.06	2634.687
Stddev	1.3750	7.161	54.02	29.32	7.144
%RSD	.1673233	.4923346	.1464093	.2375861	.2711655

#1	822.0817	1446.202	36910.25	12363.14	2627.691
#2	820.2821	1458.676	36833.50	12349.97	2641.971
#3	822.9828	1458.532	36937.73	12307.07	2634.398

Sample Name: I5286-22 Acquired: 9/20/2017 15:49:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0415495	-.028242	.2077369	-.001247	.0022377	57.06277	.4142422
Stddev	.0007516	.001975	.0010470	.004204	.0005181	.28926	.0019457
%RSD	1.809000	6.991531	.5040242	336.9733	23.15308	.5069224	.4697090

#1	.0413983	-.030095	.2084536	-.005299	.0016527	57.22717	.4149686
#2	.0423652	-.028467	.2065353	.003093	.0024218	57.23237	.4157203
#3	.0408849	-.026165	.2082218	-.001536	.0026385	56.72877	.4120378

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045636	.0071126	11.48505	1.766621	.0600805	.1572451	152.7084
Stddev	.0000332	.0002553	.06018	.003246	.0005401	.0027265	.6300
%RSD	.7269928	3.588915	.5240251	.1837277	.8990296	1.733924	.4125794

#1	.0045998	.0069599	11.49818	1.763087	.0607007	.1596848	153.4287
#2	.0045566	.0069705	11.41938	1.769469	.0598269	.1577484	152.4363
#3	.0045345	.0074073	11.53759	1.767307	.0597137	.1543020	152.2601

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.805340	17.45976	.1550059	.0053670	1.683577	.1551355	.5476967
Stddev	.009072	.07999	.0002462	.0001639	.033778	.0017374	.0064660
%RSD	.3233872	.4581498	.1588184	3.054388	2.006314	1.119929	1.180584

#1	2.815664	17.52417	.1547285	.0053743	1.680053	.1543458	.5490316
#2	2.801718	17.48489	.1550906	.0051996	1.718979	.1539332	.5406674
#3	2.798639	17.37022	.1551985	.0055272	1.651700	.1571275	.5533911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.546189	2.784624	-.392205	.0014537	.7540563	3.908677	.0202415
Stddev	.081067	.018367	.004319	.0002482	.0117192	.065359	.0023437
%RSD	1.238379	.6595705	1.101158	17.07233	1.554153	1.672157	11.57866

#1	6.588152	2.798382	-.393611	.0013933	.7625230	3.959206	.0229443
#2	6.597671	2.763768	-.395646	.0012412	.7589650	3.931961	.0190082
#3	6.452742	2.791723	-.387358	.0017264	.7406810	3.834864	.0187719

Sample Name: I5286-22 Acquired: 9/20/2017 15:49:28 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3D4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.656773	.0408606	.0406630
Stddev	.009128	.0005542	.0001526
%RSD	.5509443	1.356421	.3752577

#1	1.664533	.0409434	.0407844
#2	1.659071	.0413688	.0407128
#3	1.646716	.0402697	.0404917

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	828.1859	1471.839	37212.60	12395.08	2711.574
Stddev	7.4531	4.435	96.59	127.05	2.839
%RSD	.8999327	.3012978	.2595710	1.025006	.1047038

#1	821.3406	1470.864	37142.01	12280.99	2710.477
#2	827.0912	1476.680	37173.11	12372.25	2714.798
#3	836.1258	1467.974	37322.68	12532.00	2709.447

Sample Name: I5286-05 Acquired: 9/20/2017 15:53:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0648174	-.054801	.8788130	-.009456	.0070154	131.1789	1.032807
Stddev	.0051684	.001721	.0033859	.000180	.0003023	.2805	.006809
%RSD	7.973858	3.140251	.3852822	1.905995	4.309488	.2138569	.6592611

#1	.0666745	-.056325	.8800675	-.009385	.0066691	131.3522	1.040377
#2	.0589771	-.052935	.8813926	-.009322	.0072265	131.3292	1.030862
#3	.0688008	-.055143	.8749789	-.009661	.0071506	130.8552	1.027183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094937	.0169535	20.20243	1.710893	.1185443	.3639669	282.5761
Stddev	.0001103	.0000641	.26121	.004295	.0007687	.0016008	2.2760
%RSD	1.162270	.3779039	1.292985	.2510677	.6484869	.4398165	.8054319

#1	.0095716	.0170275	19.96009	1.715099	.1187562	.3658039	280.1017
#2	.0093674	.0169169	20.47912	1.706514	.1191848	.3632259	284.5801
#3	.0095421	.0169162	20.16809	1.711067	.1176918	.3628708	283.0464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.343525	33.11730	.2424361	.0113969	2.150807	.3906912	1.294730
Stddev	.026538	.19722	.0012577	.0003226	.032162	.0025761	.011100
%RSD	.6109732	.5955297	.5187854	2.830673	1.495343	.6593756	.8572880

#1	4.322107	32.95645	.2413846	.0110790	2.171706	.3914611	1.289376
#2	4.373213	33.33734	.2420944	.0113876	2.166943	.3878179	1.307492
#3	4.335254	33.05811	.2438294	.0117240	2.113772	.3927945	1.287322

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.54700	5.302353	-.746225	.0036601	1.425774	5.128706	.0491986
Stddev	.06545	.017897	.001811	.0001856	.009368	.018297	.0033452
%RSD	.5216773	.3375374	.2426670	5.069435	.6570329	.3567581	6.799317

#1	12.61999	5.322285	-.748046	.0038214	1.436573	5.111571	.0529032
#2	12.52753	5.287660	-.746206	.0034573	1.420923	5.147977	.0482935
#3	12.49350	5.297114	-.744424	.0037016	1.419827	5.126569	.0463992

Sample Name: I5286-05 Acquired: 9/20/2017 15:53:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.295892	.0637390	.0652409
Stddev	.008435	.0009015	.0001537
%RSD	.1963403	1.414281	.2355298

#1	4.286160	.0647495	.0653950
#2	4.301100	.0630175	.0652400
#3	4.300415	.0634499	.0650877

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	877.0704	1541.345	39307.64	13277.66	2533.237
Stddev	3.7094	6.150	75.45	50.86	7.533
%RSD	.4229333	.3989903	.1919349	.3830219	.2973764

#1	874.3068	1541.553	39222.60	13273.87	2532.204
#2	875.6182	1547.388	39333.77	13228.80	2541.234
#3	881.2862	1535.094	39366.54	13330.30	2526.274

Sample Name: I5286-06 Acquired: 9/20/2017 15:57:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1289238	.0664089	.9321597	.0670894	.0731300	137.2854	4.809168
Stddev	.0039779	.0003170	.0067982	.0033166	.0019400	.6095	.007781
%RSD	3.085487	.4772867	.7293014	4.943585	2.652803	.4439762	.1618017

#1	.1308785	.0662704	.9244617	.0632866	.0744006	137.8424	4.817594
#2	.1315462	.0667715	.9373401	.0685979	.0740925	137.3794	4.802254
#3	.1243466	.0661847	.9346771	.0693835	.0708970	136.6343	4.807657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927426	.1150817	20.43157	2.305270	1.120292	.8043106	286.0520
Stddev	.0003587	.0006653	.02317	.006263	.004103	.0026415	2.0499
%RSD	.3867561	.5781112	.1133962	.2716878	.3662594	.3284165	.7166138

#1	.0930837	.1144157	20.43651	2.307788	1.115585	.8070877	288.0288
#2	.0927755	.1150832	20.45187	2.309883	1.123116	.8040144	286.1911
#3	.0923685	.1157463	20.40633	2.298140	1.122174	.8018297	283.9361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.214718	33.40280	1.252326	.0465856	2.277856	1.324809	2.075700
Stddev	.016781	.27157	.006031	.0005187	.039761	.012901	.006025
%RSD	.3218026	.8130114	.4815458	1.113398	1.745532	.9738331	.2902677

#1	5.234081	33.62156	1.245810	.0469208	2.322961	1.339120	2.078375
#2	5.204410	33.48798	1.257712	.0468478	2.262726	1.321238	2.079925
#3	5.205662	33.09885	1.253456	.0459882	2.247881	1.314069	2.068801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.78280	5.195203	-.761144	.0036456	1.558223	4.267053	.0487640
Stddev	.05198	.047680	.003166	.0000610	.008502	.022392	.0011169
%RSD	.4066304	.9177790	.4159705	1.673203	.5456292	.5247570	2.290424

#1	12.83919	5.155261	-.763337	.0036153	1.549455	4.292864	.0474924
#2	12.77241	5.247990	-.762580	.0037158	1.566432	4.255478	.0492136
#3	12.73680	5.182359	-.757514	.0036056	1.558781	4.252819	.0495861

Sample Name: I5286-06 Acquired: 9/20/2017 15:57:34 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.159310	.0650981	.0660834
Stddev	.030867	.0000913	.0002459
%RSD	.7421301	.1402183	.3721109

#1	4.190208	.0651995	.0663368
#2	4.159249	.0650726	.0660678
#3	4.128473	.0650224	.0658457

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	869.2160	1529.776	39172.54	13116.88	2504.359
Stddev	2.4426	3.622	166.01	98.25	8.645
%RSD	.2810159	.2367389	.4237837	.7490343	.3451939

#1	866.5068	1529.939	38992.48	13009.27	2510.979
#2	869.8909	1526.077	39205.63	13139.58	2494.579
#3	871.2502	1533.314	39319.51	13201.80	2507.519

Sample Name: I5286-07 Acquired: 9/20/2017 16:01:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1255188	.0671045	.9097638	.0688210	.0737449	133.7975	4.721551
Stddev	.0038936	.0018965	.0069803	.0016306	.0018192	.5774	.004101
%RSD	3.101990	2.826240	.7672637	2.369280	2.466847	.4315447	.0868572

#1	.1210409	.0655825	.9078879	.0693861	.0748968	134.4636	4.726243
#2	.1281053	.0692291	.9174903	.0669831	.0746901	133.4906	4.718650
#3	.1274104	.0665019	.9039131	.0700939	.0716476	133.4384	4.719760

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0905438	.1126302	19.76486	2.277572	1.102658	.7890372	280.6858
Stddev	.0005788	.0002550	.06938	.004066	.002724	.0041497	1.4397
%RSD	.6392838	.2264109	.3510299	.1785126	.2470590	.5259225	.5129063

#1	.0912010	.1125897	19.82398	2.281257	1.099607	.7931581	282.3211
#2	.0901100	.1129030	19.68848	2.273211	1.103521	.7890942	279.6092
#3	.0903202	.1123978	19.78212	2.278249	1.104847	.7848593	280.1272

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.147487	32.39448	1.234066	.0464017	2.156941	1.303232	2.059090
Stddev	.019366	.30036	.004708	.0001598	.071501	.007286	.004797
%RSD	.3762252	.9272071	.3815234	.3444467	3.314903	.5590849	.2329431

#1	5.139336	32.73873	1.231608	.0465679	2.081809	1.311149	2.060380
#2	5.133528	32.25895	1.231095	.0462492	2.164863	1.296807	2.063109
#3	5.169596	32.18576	1.239494	.0463879	2.224150	1.301741	2.053780

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.45647	5.106468	-.743021	.0041267	1.386645	4.443671	.0520186
Stddev	.11936	.037649	.004859	.0002161	.015704	.028165	.0015744
%RSD	.9582445	.7372720	.6539562	5.236150	1.132511	.6338263	3.026506

#1	12.56365	5.145446	-.745056	.0039965	1.396790	4.476189	.0502008
#2	12.47793	5.070308	-.746531	.0040074	1.368556	4.426935	.0529189
#3	12.32784	5.103650	-.737475	.0043761	1.394588	4.427890	.0529363

Sample Name: I5286-07 Acquired: 9/20/2017 16:01:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.124430	.0636144	.0649387
Stddev	.012786	.0003770	.0002149
%RSD	.3100107	.5926343	.3308801

#1	4.138102	.0638868	.0651816
#2	4.112767	.0637723	.0647733
#3	4.122420	.0631842	.0648613

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	867.6329	1532.733	39133.45	13218.58	2522.446
Stddev	6.3700	8.324	101.37	102.97	8.069
%RSD	.7341866	.5431060	.2590363	.7789957	.3198799

#1	871.8220	1527.047	39142.58	13106.46	2517.436
#2	860.3023	1542.288	39027.83	13240.37	2531.754
#3	870.7743	1528.864	39229.95	13308.91	2518.148

Sample Name: I5286-05LX5 Acquired: 9/20/2017 16:05:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MCB3B9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137211	-.008927	.1941056	-.002426	.0009691	29.99014	.2385316
Stddev	.0048669	.002008	.0028200	.002112	.0005958	.48718	.0040610
%RSD	35.47036	22.49368	1.452819	87.03629	61.47901	1.624464	1.702491

#1	.0108492	-.010967	.1973125	-.002502	.0004313	30.42113	.2427159
#2	.0193404	-.006953	.1920131	-.004499	.0008664	30.08775	.2382726
#3	.0109736	-.008859	.1929911	-.000277	.0016095	29.46155	.2346063

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023107	.0028748	4.968979	.4041241	.0240505	.0858456	67.43929
Stddev	.0000616	.0001054	.044913	.0021821	.0007374	.0018316	.82054
%RSD	2.665245	3.665780	.9038685	.5399565	3.066036	2.133601	1.216706

#1	.0023379	.0027531	4.994919	.4066425	.0234344	.0871372	67.81941
#2	.0022402	.0029322	4.994900	.4027950	.0238497	.0866501	68.00083
#3	.0023540	.0029389	4.917117	.4029349	.0248675	.0837494	66.49762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.049096	7.869058	.0518655	.0024775	.5116265	.0913141	.2917380
Stddev	.014927	.125410	.0006080	.0002418	.1132443	.0043233	.0079770
%RSD	1.422801	1.593716	1.172200	9.761190	22.13417	4.734513	2.734288

#1	1.059078	7.912520	.0514523	.0025259	.6369052	.0949014	.2853006
#2	1.056272	7.966955	.0525636	.0026914	.4814406	.0925268	.3006621
#3	1.031936	7.727698	.0515804	.0022151	.4165338	.0865139	.2892514

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.872243	1.093967	-.179280	.0013633	.3079389	1.351966	.0104117
Stddev	.074458	.006649	.002742	.0000824	.0071538	.006904	.0016441
%RSD	2.592326	.6077707	1.529676	6.043640	2.323115	.5106323	15.79127

#1	2.947287	1.098690	-.182304	.0012702	.3138197	1.350493	.0107272
#2	2.871056	1.096847	-.178583	.0014269	.3100225	1.359487	.0118752
#3	2.798385	1.086363	-.176953	.0013928	.2999747	1.345918	.0086327

Sample Name: I5286-05LX5 Acquired: 9/20/2017 16:05:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MCB3B9L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.002190	.0141975	.0151116
Stddev	.019113	.0004337	.0002863
%RSD	1.907080	3.055058	1.894399

#1	1.017088	.0146524	.0153729
#2	1.008841	.0141514	.0151562
#3	.980640	.0137886	.0148056

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	846.2895	1488.217	36889.09	11844.96	2846.765
Stddev	3.9329	4.965	109.19	157.78	5.027
%RSD	.4647200	.3336084	.2959855	1.332023	.1765964

#1	850.4456	1486.723	36850.57	11716.41	2840.987
#2	842.6263	1484.170	36804.38	11797.43	2849.166
#3	845.7968	1493.757	37012.31	12021.04	2850.141

Sample Name: PB102448BS Acquired: 9/20/2017 16:09:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0170028	.0648136	.0213955	.0723885	.1237753	.4174477
Stddev	.0002441	.0012286	.0003110	.0019877	.0017868	.0074120
%RSD	1.435363	1.895543	1.453581	2.745929	1.443551	1.775550

#1	.0167321	.0660281	.0213081	.0709713	.1255810	.4130154
#2	.0172059	.0648414	.0211376	.0746606	.1237367	.4260045
#3	.0170706	.0635714	.0217409	.0715334	.1220082	.4133232

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3397945	.0123713	.0112889	10.20970	.0241275	.0996400
Stddev	.0007350	.0001950	.0000728	.03846	.0003813	.0003270
%RSD	.2162973	1.575921	.6451781	.3766776	1.580298	.3281441

#1	.3389467	.0122369	.0112833	10.20040	.0245649	.0996748
#2	.3402512	.0125949	.0112190	10.25195	.0239523	.0992970
#3	.3401856	.0122820	.0113644	10.17674	.0238654	.0999481

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0525127	.2489482	.0332659	10.91419	.0845103	.0208066
Stddev	.0002973	.0094747	.0003504	.01691	.0006485	.0001437
%RSD	.5661673	3.805893	1.053446	.1549352	.7673313	.6904816

#1	.0524645	.2518255	.0329635	10.89473	.0852018	.0206678
#2	.0522424	.2566507	.0336500	10.92260	.0839157	.0207974
#3	.0528311	.2383684	.0331842	10.92526	.0844133	.0209546

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19323	.1069957	.1103033	9.073651	.0218085	F .0221716
Stddev	.02607	.0037855	.0020899	.017744	.0036959	.0007662
%RSD	.2557793	3.537955	1.894700	.1955525	16.94695	3.455691

#1	10.16338	.1031192	.1117427	9.064926	.0248278	.0227802
#2	10.20480	.1106831	.1112610	9.094068	.0229108	.0213112
#3	10.21151	.1071849	.1079062	9.061960	.0176869	.0224233

Sample Name: PB102448BS Acquired: 9/20/2017 16:09:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) 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	.0240102	.1734777	.2131412	F .0139825	.2080901	.0457939
Stddev	.0003457	.0032704	.0029498	.0013464	.0006561	.0002048
%RSD	1.439751	1.885208	1.383982	9.629205	.3152921	.4472918

#1	.0243922	.1711600	.2110397	.0136463	.2075599	.0460136
#2	.0239193	.1772186	.2165134	.0154651	.2078865	.0456082
#3	.0237190	.1720544	.2118705	.0128360	.2088238	.0457599

Elem	Sr4077
Units	ppm
Avg	.1104449
Stddev	.0001449
%RSD	.1312326

#1	.1103409
#2	.1106105
#3	.1103834

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	800.3973	1392.953	34775.49	11460.14	2820.167
Stddev	2.0470	6.078	129.11	53.26	9.933
%RSD	.2557436	.4363548	.3712591	.4647514	.3521958

#1	798.9719	1398.338	34626.46	11469.79	2819.761
#2	802.7429	1394.158	34853.28	11402.72	2830.296
#3	799.4772	1386.362	34846.74	11507.93	2810.443

Sample Name: CCV069 Acquired: 9/20/2017 16:13:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.937173	4.786673	24.00058	4.944083	4.980780	401.9052
Stddev	.033650	.010210	.12301	.016940	.026260	2.5067
%RSD	.6815583	.2133037	.5125194	.3426251	.5272258	.6237146

#1	4.955202	4.797912	23.93995	4.954876	4.986759	404.7023
#2	4.898351	4.784138	23.91966	4.924560	4.952046	399.8617
#3	4.957967	4.777970	24.14214	4.952815	5.003535	401.1517

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.811194	.4924944	2.488087	389.6328	14.62758	2.454967
Stddev	.049393	.0007591	.013179	1.4018	.03891	.009033
%RSD	.5034376	.1541254	.5296980	.3597689	.2660338	.3679573

#1	9.815419	.4930181	2.478332	388.9923	14.60756	2.450156
#2	9.858339	.4916238	2.482848	388.6657	14.60276	2.449358
#3	9.759824	.4928411	2.503080	391.2404	14.67243	2.465388

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72792	401.7814	13.93026	405.2778	2.449020	1.277917
Stddev	.07963	1.2243	.03784	.7851	.012472	.002430
%RSD	.5407032	.3047158	.2716272	.1937222	.5092737	.1901442

#1	14.81697	400.4666	13.89818	404.4151	2.438959	1.275880
#2	14.66355	401.9890	13.92061	405.4679	2.445127	1.277263
#3	14.70325	402.8887	13.97199	405.9504	2.462975	1.280607

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	397.7510	2.414559	15.39154	149.3795	F 40.88133	F 3.959699
Stddev	1.3100	.009529	.20304	.7009	.34708	.002177
%RSD	.3293394	.3946396	1.319197	.4691990	.8490006	.0549818

#1	398.9775	2.409912	15.17697	150.1387	41.17618	3.962000
#2	396.3711	2.408246	15.58066	148.7571	40.96898	3.959425
#3	397.9045	2.425520	15.41699	149.2428	40.49882	3.957672

Sample Name: CCV069 Acquired: 9/20/2017 16:13:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV069 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.843972	5.031394	4.576162	4.876127	4.737256	19.44927
Stddev	.030557	.015312	.011983	.028320	.017312	.13255
%RSD	.6308149	.3043202	.2618674	.5807947	.3654527	.6815088

#1	4.852869	5.047221	4.578345	4.853872	4.745382	19.39812
#2	4.809955	5.030306	4.563237	4.866504	4.717375	19.59977
#3	4.869094	5.016656	4.586904	4.908004	4.749010	19.34991

Elem	Sr4077
Units	ppm
Avg	17.14367
Stddev	.03112
%RSD	.1815328

#1	17.12013
#2	17.13193
#3	17.17896

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	621.5294	1107.277	28515.33	10266.85	1865.181
Stddev	3.2424	6.028	62.51	35.76	7.052
%RSD	.5216800	.5444268	.2192326	.3483160	.3780842

#1	622.7556	1103.482	28449.96	10225.70	1863.642
#2	617.8528	1114.229	28574.53	10290.39	1872.876
#3	623.9799	1104.122	28521.51	10284.46	1859.026

Sample Name: CCB069 Acquired: 9/20/2017 16:18:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB069 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004977	.0031970	-.000444	.0009359	-.000210	.0186791	.0015804
Stddev	.005164	.0025351	.000623	.0001062	.001346	.0034367	.0009751
%RSD	103.7503	79.29751	140.2495	11.34435	642.1612	18.39867	61.69727

#1	-.002003	.0030046	-.001141	.0008134	.000850	.0214564	.0027008
#2	-.001988	.0007635	.000058	.0009969	-.001724	.0197451	.0009239
#3	-.010939	.0058229	-.000250	.0009976	.000245	.0148357	.0011165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000087	-.000120	.0144761	.0006035	.0001121	-.000050	.0151475
Stddev	.000010	.000161	.0091051	.0005858	.0002306	.000197	.0083838
%RSD	11.41517	133.9374	62.89705	97.06555	205.7270	392.2891	55.34795

#1	-.000086	-.000006	.0218019	.0007064	.0002331	-.000248	.0248277
#2	-.000097	-.000050	.0173441	-.000027	-.000154	.000146	.0103906
#3	-.000078	-.000304	.0042824	.001131	.000257	-.000049	.0102240

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006807	.0406304	-.000621	.0002077	-.039931	-.000145	.0015211
Stddev	.0006829	.0179804	.000475	.0002087	.083974	.002159	.0015965
%RSD	100.3252	44.25366	76.44601	100.4933	210.3005	1487.873	104.9569

#1	.0013756	.0485479	-.000938	.0004402	-.130882	.001944	.0004632
#2	.0006561	.0532933	-.000075	.0000366	-.023567	-.002368	.0033575
#3	.0000104	.0200499	-.000850	.0001462	.034657	-.000011	.0007426

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.519367	-.001934	.0051543	.0006404	-.008323	-.005282	-.000091
Stddev	.011226	.001452	.0006112	.0003686	.005287	.001161	.000496
%RSD	2.161563	75.05775	11.85743	57.56296	63.52825	21.98065	545.8569

#1	-.531775	-.003575	.0054642	.0009910	-.004313	-.006465	.000146
#2	-.516412	-.000815	.0044503	.0002560	-.014315	-.004144	.000242
#3	-.509913	-.001414	.0055485	.0006743	-.006340	-.005237	-.000661

Sample Name: CCB069 Acquired: 9/20/2017 16:18:04 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v160) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB069 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006287	.0012857	.0010113
Stddev	.0002589	.0002919	.0001632
%RSD	41.17457	22.70098	16.13301

#1	.0008122	.0015898	.0011415
#2	.0003326	.0012595	.0010641
#3	.0007414	.0010078	.0008283

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	818.1111	1431.165	36105.57	11689.53	2961.047
Stddev	8.1669	9.646	167.37	329.48	23.465
%RSD	.9982602	.6740294	.4635470	2.818596	.7924411

#1	811.8351	1423.762	36094.68	12069.55	2940.124
#2	815.1534	1427.659	35943.91	11515.28	2956.601
#3	827.3447	1442.074	36278.11	11483.78	2986.417