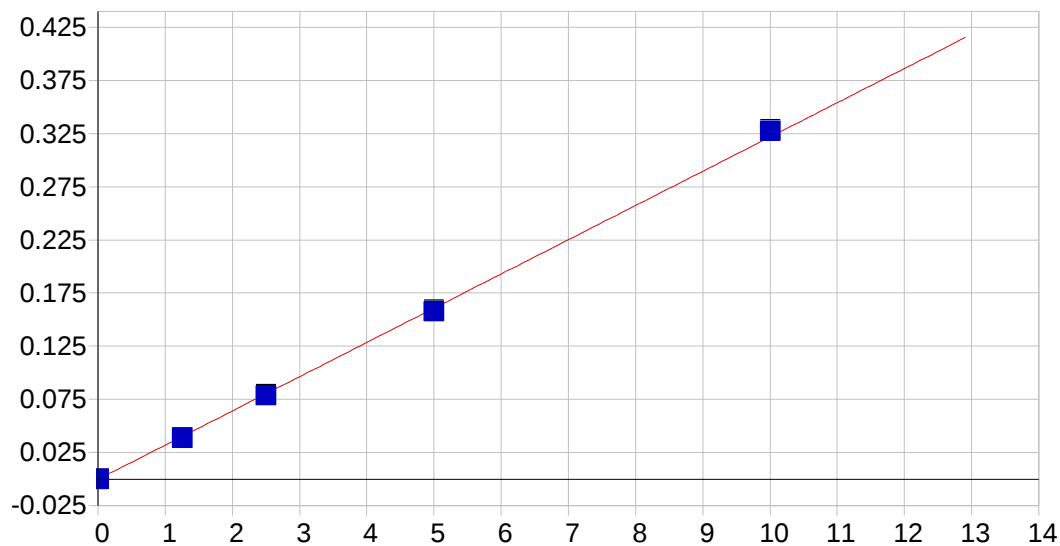


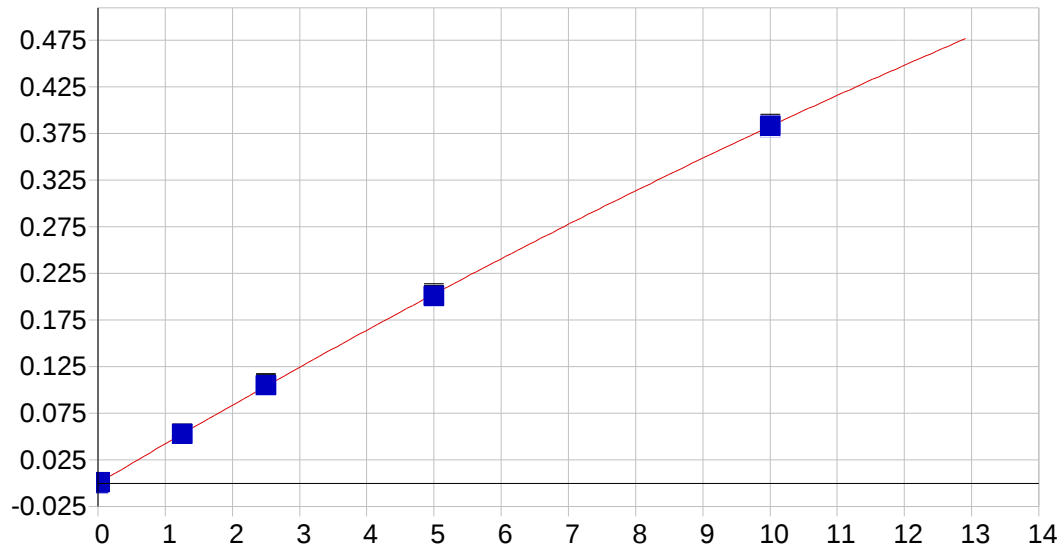


As 189.042 {479}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000293 Re-Slope: 1.000000
 A1 (Gain): 0.032215 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999814 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.004060
 Predicted MQL: 0.013532

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00029	.000	1
S1	.01000	.01120	.001	12.0	.00007	.000	1
S2	1.2500	1.2077	-.042	-3.38	.03871	.000	1
S3	2.5000	2.4543	-.046	-1.83	.07896	.001	1
S4	5.0000	4.9118	-.088	-1.76	.15832	.001	1
S5	10.000	10.175	.175	1.75	.32825	.001	1

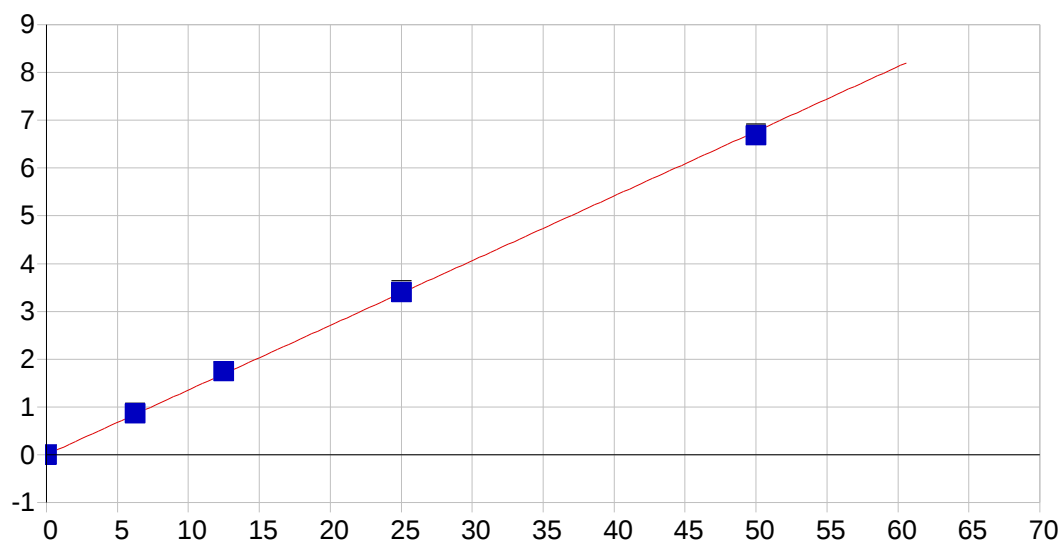


TI 190.856 {477}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000329 Re-Slope: 1.000000
 A1 (Gain): 0.042966 Y-int: 0.000000
 A2 (Curvature): -0.000464
 n (Exponent): 1.000000
 Correlation: 0.999981 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 0.002322
 Predicted MQL: 0.007740

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.02500	.02606	.001	4.25	.00077	.000	1
S2	1.2500	1.2521	.002	.167	.05242	.000	1
S3	2.5000	2.5241	.024	.965	.10452	.001	1
S4	5.0000	4.9553	-.045	-.894	.19988	.002	1
S5	10.000	10.018	.018	.178	.38091	.001	1

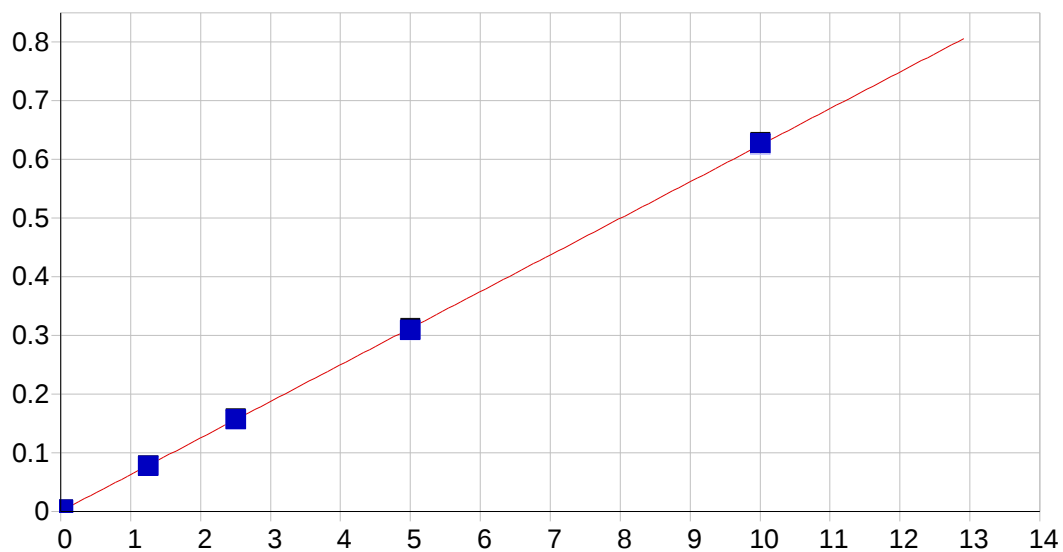


Pb 220.353 {453}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000267 Re-Slope: 1.000000
 A1 (Gain): 0.135366 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999884 Status: OK.
 Std Error of Est: 0.000077
 Predicted MDL: 0.001782
 Predicted MQL: 0.005939

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00027	.000	1
S1	.01000	.01199	.002	19.9	.00136	.000	1
S2	6.2500	6.3882	.138	2.21	.86581	.004	1
S3	12.500	12.858	.358	2.86	1.7429	.006	1
S4	25.000	25.118	.118	.473	3.4052	.028	1
S5	50.000	49.384	-.616	-1.23	6.6952	.019	1

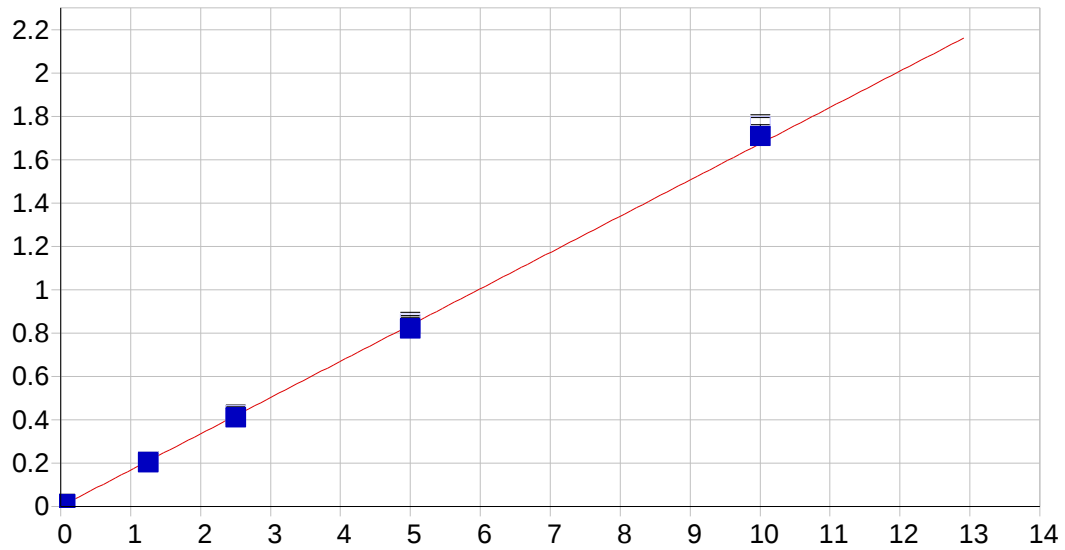


Se 196.090 {472}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000513 Re-Slope: 1.000000
 A1 (Gain): 0.062388 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.003234
 Predicted MQL: 0.010781

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00051	.000	1
S1	.03500	.03618	.001	3.36	.00277	.000	1
S2	1.2500	1.2376	-.012	-.990	.07736	.001	1
S3	2.5000	2.5043	.004	.172	.15602	.001	1
S4	5.0000	4.9564	-.044	-.872	.30827	.002	1
S5	10.000	10.051	.051	.505	.62462	.001	1

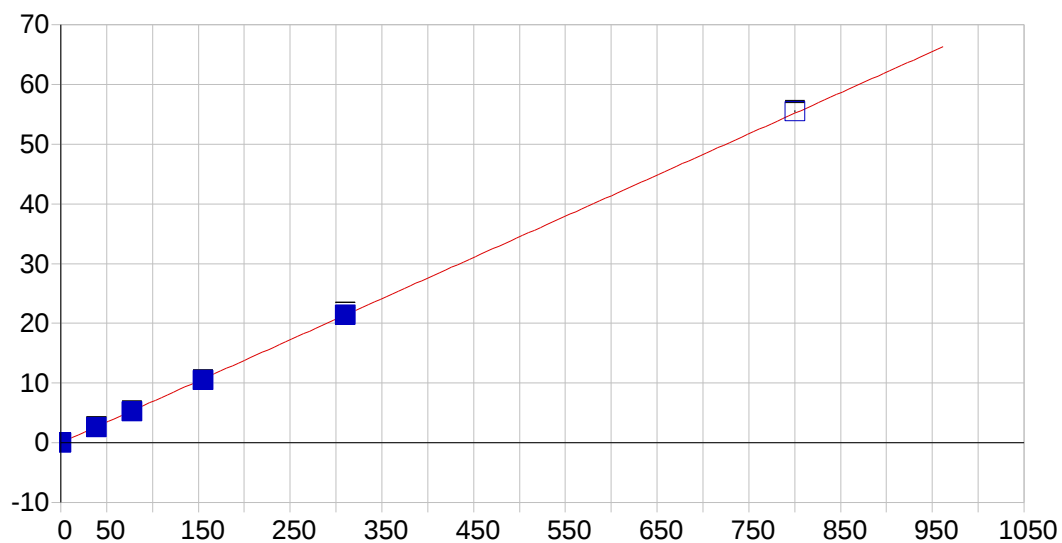


Sb 206.833 {463}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000604 Re-Slope: 1.000000
 A1 (Gain): 0.167288 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999747 Status: OK.
 Std Error of Est: 0.000159
 Predicted MDL: 0.001570
 Predicted MQL: 0.005232

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.000	1
S1	.06000	.06157	.002	2.62	.01090	.000	1
S2	1.2500	1.2020	-.048	-3.84	.20738	.001	1
S3	2.5000	2.4424	-.058	-2.30	.42058	.003	1
S4	5.0000	4.8918	-.108	-2.16	.84172	.007	1
S5	10.000	10.212	.212	2.12	1.7545	.006	1

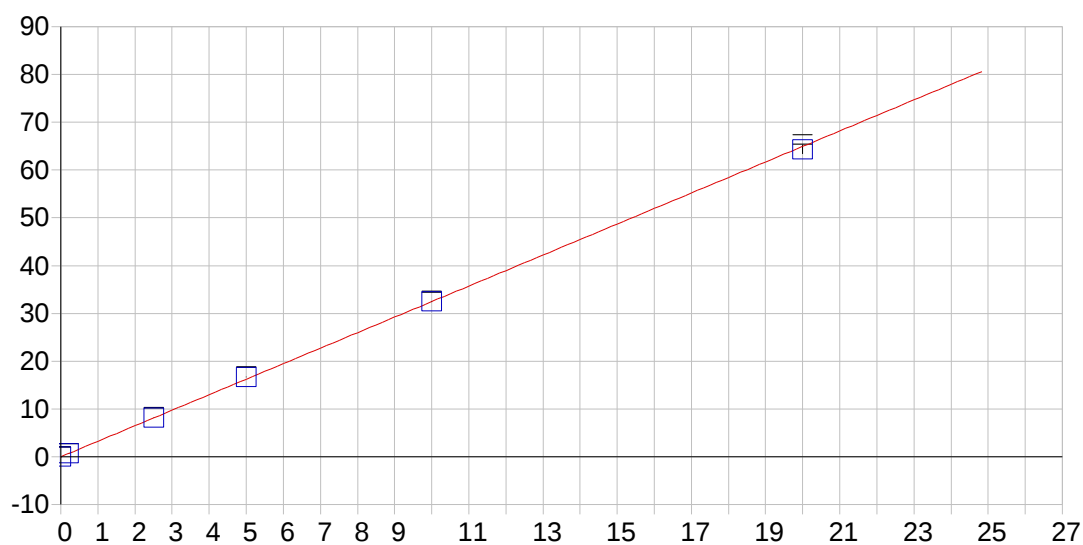


AI 396.152 { 85}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000888 Re-Slope: 1.000000
 A1 (Gain): 0.068949 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999955 Status: OK.
 Std Error of Est: 0.000406
 Predicted MDL: 0.010281
 Predicted MQL: 0.034271

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00089	.001	1
S1	.20000	.20471	.005	2.35	.01502	.001	1
S2	38.750	37.906	-.844	-2.18	2.6170	.015	1
S3	77.500	76.546	-.954	-1.23	5.2837	.028	1
S4	155.00	151.84	-3.16	-2.04	10.480	.072	1
S5	310.00	310.12	.124	.040	21.404	.458	1
S6	800.00	804.83	4.83	.604	55.494	.159	1

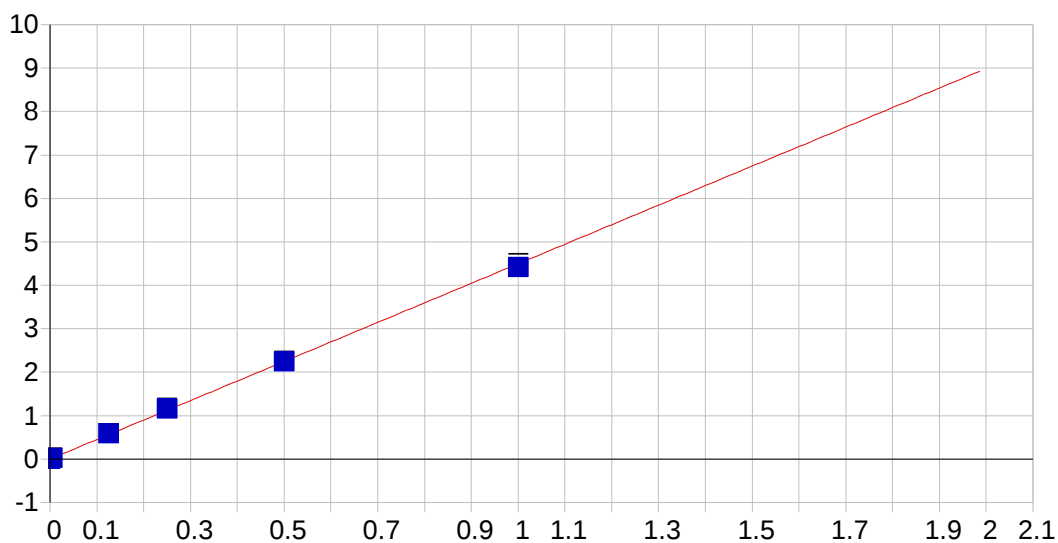


Ba 493.409 { 68}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.016584 Re-Slope: 1.000000
 A1 (Gain): 3.247754 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999914 Status: OK.
 Std Error of Est: 0.004526
 Predicted MDL: 0.000647
 Predicted MQL: 0.002155

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.01663	.003	1
S1	.20000	.20779	.008	3.90	.65827	.002	1
S2	2.5000	2.5284	.028	1.14	8.1951	.024	1
S3	5.0000	5.1437	.144	2.87	16.689	.056	1
S4	10.000	10.005	.005	.055	32.479	.107	1
S5	20.000	19.815	-.185	-.927	64.336	.988	1

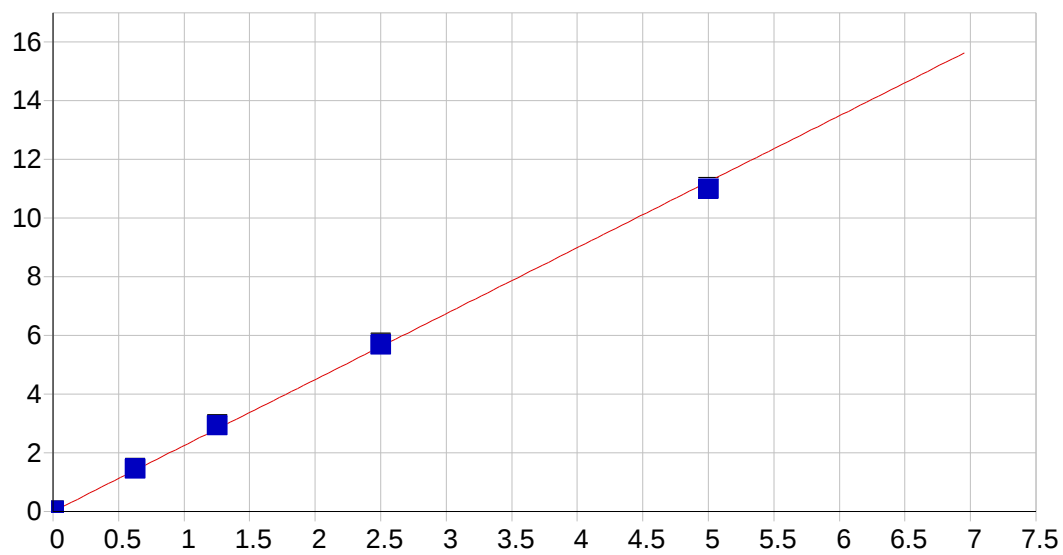


Be 234.861 {144}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001687 Re-Slope: 1.000000
 A1 (Gain): 4.496741 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999766 Status: OK.
 Std Error of Est: 0.000364
 Predicted MDL: 0.000073
 Predicted MQL: 0.000245

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00169	.000	1
S1	.00500	.00514	.000	2.88	.02142	.000	1
S2	.12500	.13072	.006	4.58	.58368	.003	1
S3	.25000	.25947	.009	3.79	1.1602	.008	1
S4	.50000	.50044	.000	.088	2.2388	.010	1
S5	1.0000	.98423	-.016	-1.58	4.4045	.088	1

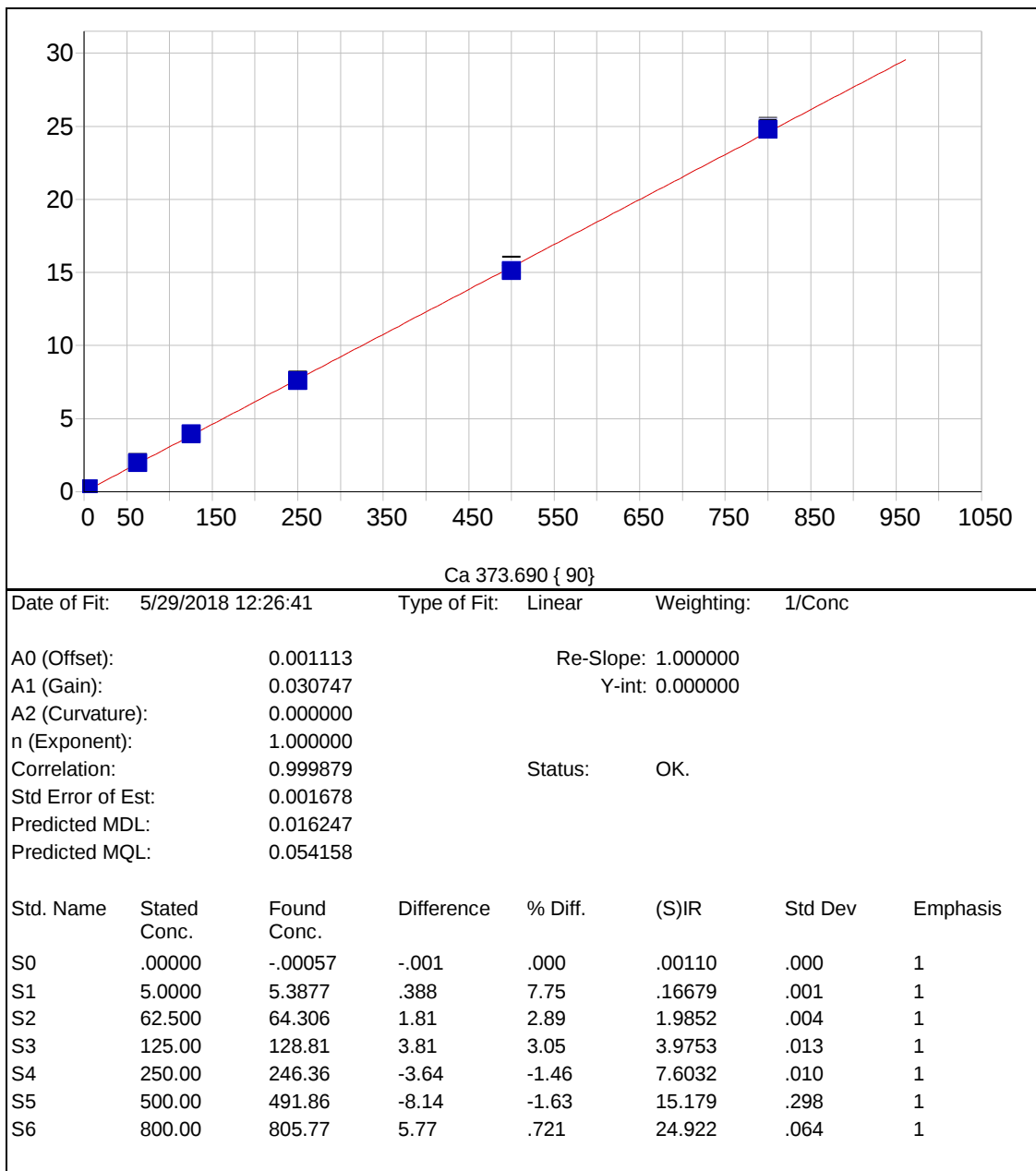


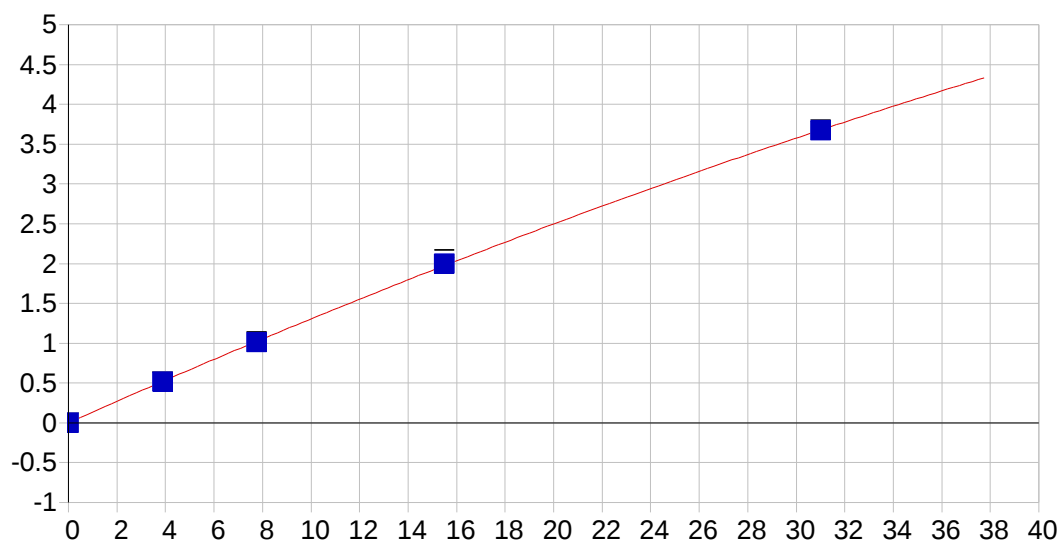
Cd 214.438 {457}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000564 Re-Slope: 1.000000
 A1 (Gain): 2.248365 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999678 Status: OK.
 Std Error of Est: 0.000480
 Predicted MDL: 0.000085
 Predicted MQL: 0.000282

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00056	.000	1
S1	.00500	.00534	.000	6.72	.01257	.000	1
S2	.62500	.64904	.024	3.85	1.4627	.006	1
S3	1.2500	1.3052	.055	4.41	2.9408	.015	1
S4	2.5000	2.5290	.029	1.16	5.6983	.047	1
S5	5.0000	4.8914	-.109	-2.17	11.021	.029	1



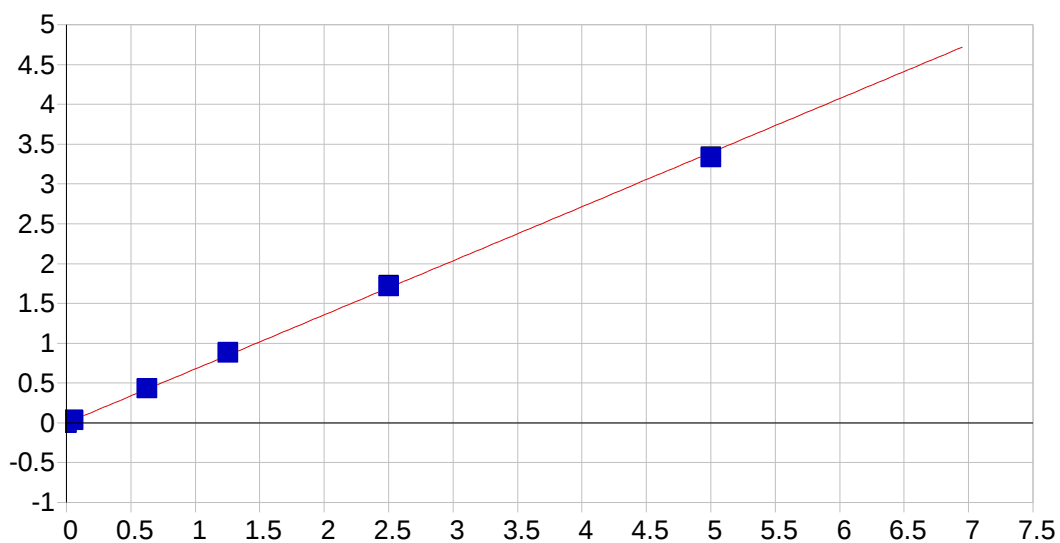


Cr 267.716 {126}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000023 Re-Slope: 1.000000
 A1 (Gain): 0.136185 Y-int: 0.000000
 A2 (Curvature): -0.000566
 n (Exponent): 1.000000
 Correlation: 0.999965 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.000422
 Predicted MQL: 0.001406

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.01000	.01032	.000	3.17	.00143	.000	1
S2	3.8750	3.8267	-.048	-1.25	.51380	.001	1
S3	7.7500	7.6787	-.071	-.919	1.0142	.004	1
S4	15.500	15.708	.208	1.34	2.0033	.046	1
S5	31.000	30.908	-.092	-.296	3.6759	.008	1

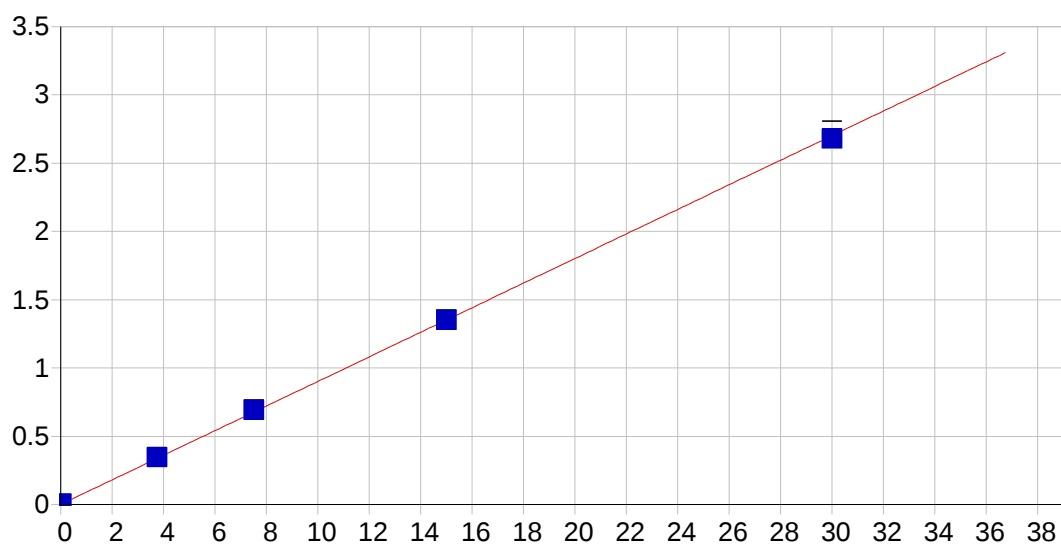


Co 228.616 {448}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000465 Re-Slope: 1.000000
 A1 (Gain): 0.678726 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999799 Status: OK.
 Std Error of Est: 0.000363
 Predicted MDL: 0.000271
 Predicted MQL: 0.000904

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00047	.000	1
S1	.05000	.05192	.002	3.84	.03490	.000	1
S2	.62500	.63956	.015	2.33	.43446	.001	1
S3	1.2500	1.2949	.045	3.60	.88013	.004	1
S4	2.5000	2.5257	.026	1.03	1.7171	.014	1
S5	5.0000	4.9129	-.087	-1.74	3.3408	.005	1

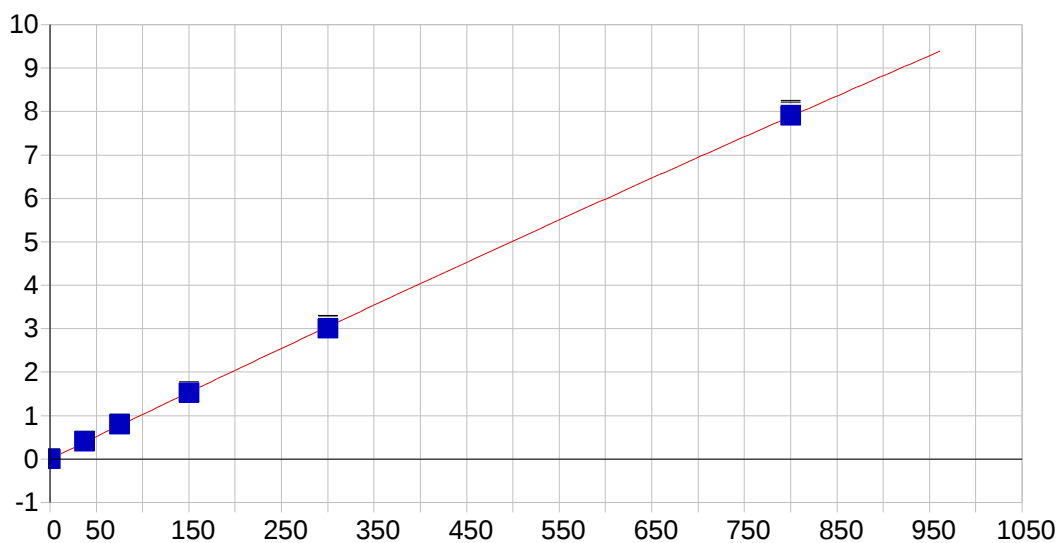


Cu 324.754 {104}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000513 Re-Slope: 1.000000
 A1 (Gain): 0.090054 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999920 Status: OK.
 Std Error of Est: 0.000052
 Predicted MDL: 0.003612
 Predicted MQL: 0.012040

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00051	.000	1
S1	.02500	.02737	.002	9.47	.00297	.000	1
S2	3.7500	3.8301	.080	2.14	.34521	.001	1
S3	7.5000	7.6896	.190	2.53	.69256	.001	1
S4	15.000	14.990	-.010	-.070	1.3495	.004	1
S5	30.000	29.738	-.262	-.872	2.6769	.058	1

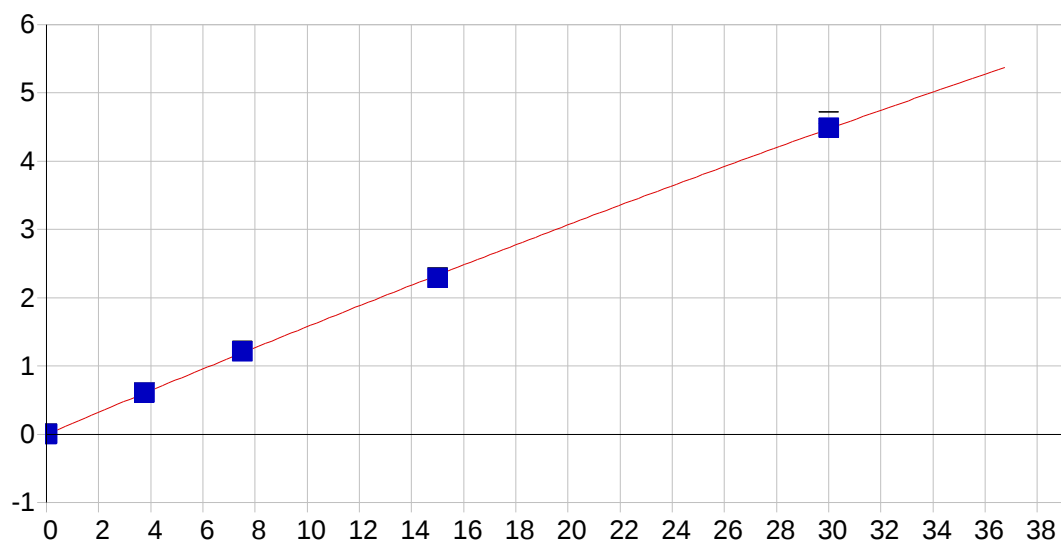


Fe 259.837 {130}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): 0.000036 Re-Slope: 1.000000
 A1 (Gain): 0.010333 Y-int: 0.000000
 A2 (Curvature): -0.000001
 n (Exponent): 1.000000
 Correlation: 0.999908 Status: OK.
 Std Error of Est: 0.000066
 Predicted MDL: 0.016188
 Predicted MQL: 0.053961

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	.000	.000	.00004	.000	1
S1	.10000	.11467	.015	14.7	.00124	.000	1
S2	37.500	39.152	1.65	4.41	.40577	.003	1
S3	75.000	77.474	2.47	3.30	.80119	.010	1
S4	150.00	148.81	-1.19	-.795	1.5329	.019	1
S5	300.00	295.28	-4.72	-1.57	3.0164	.065	1
S6	800.00	801.79	1.79	.223	7.9438	.091	1

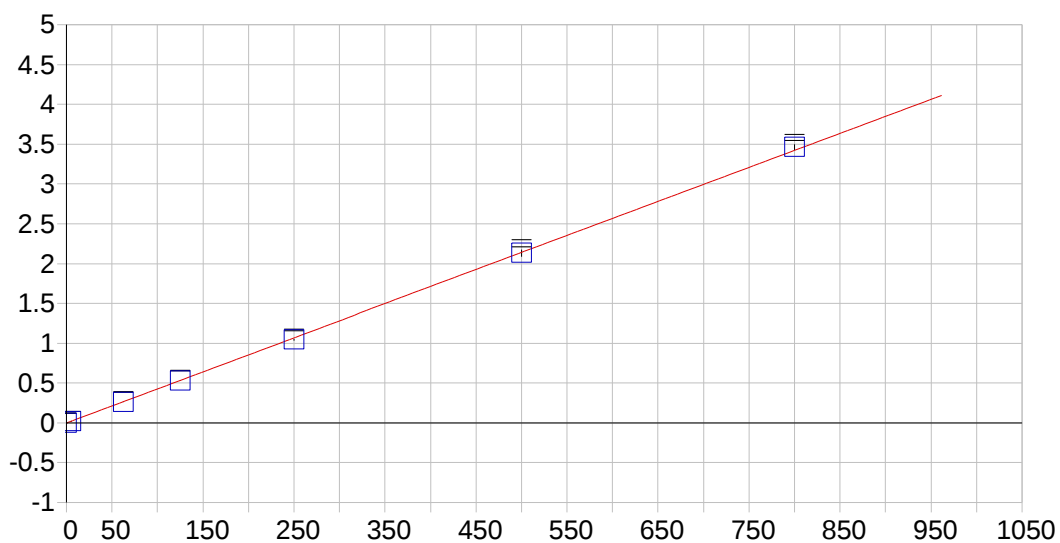


Mn 257.610 {131}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000040 Re-Slope: 1.000000
 A1 (Gain): 0.161877 Y-int: 0.000000
 A2 (Curvature): -0.000424
 n (Exponent): 1.000000
 Correlation: 0.999910 Status: OK.
 Std Error of Est: 0.000084
 Predicted MDL: 0.000940
 Predicted MQL: 0.003134

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.000	1
S1	.01500	.01601	.001	6.74	.00255	.000	1
S2	3.7500	3.7947	.045	1.19	.60826	.002	1
S3	7.5000	7.6449	.145	1.93	1.2130	.003	1
S4	15.000	14.688	-.312	-2.08	2.2866	.011	1
S5	30.000	30.123	.123	.409	4.4921	.084	1

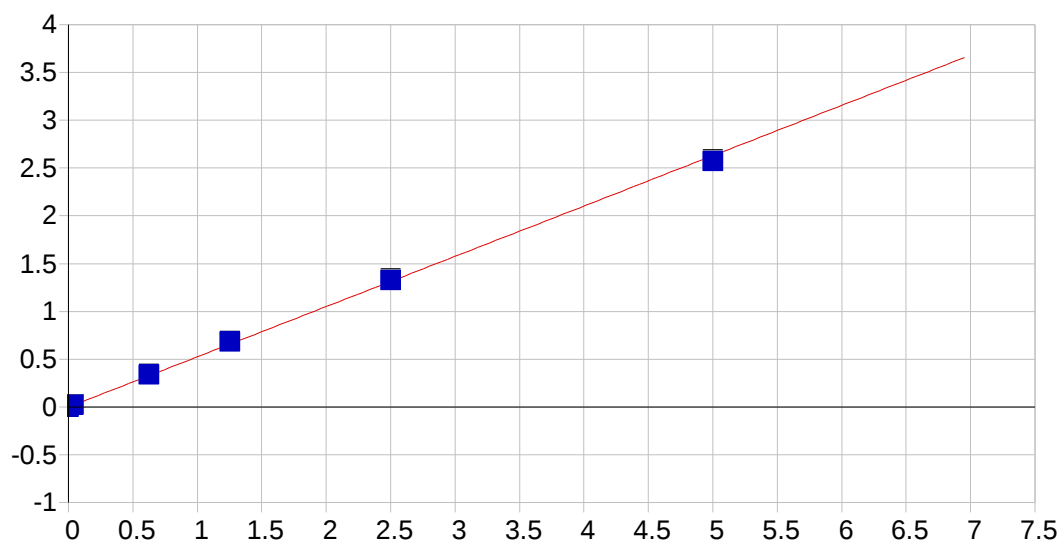


Mg 279.079 {121}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000180 Re-Slope: 1.000000
 A1 (Gain): 0.004278 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999923 Status: OK.
 Std Error of Est: 0.000186
 Predicted MDL: 0.047220
 Predicted MQL: 0.157401

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	-.00018	.000	1
S1	5.0000	5.0199	.020	.398	.02129	.000	1
S2	62.500	61.720	-.780	-1.25	.26383	.002	1
S3	125.00	124.22	-.782	-.625	.53117	.005	1
S4	250.00	243.95	-6.05	-2.42	1.0433	.013	1
S5	500.00	498.50	-1.50	-.301	2.1322	.043	1
S6	800.00	809.10	9.10	1.14	3.4608	.038	1

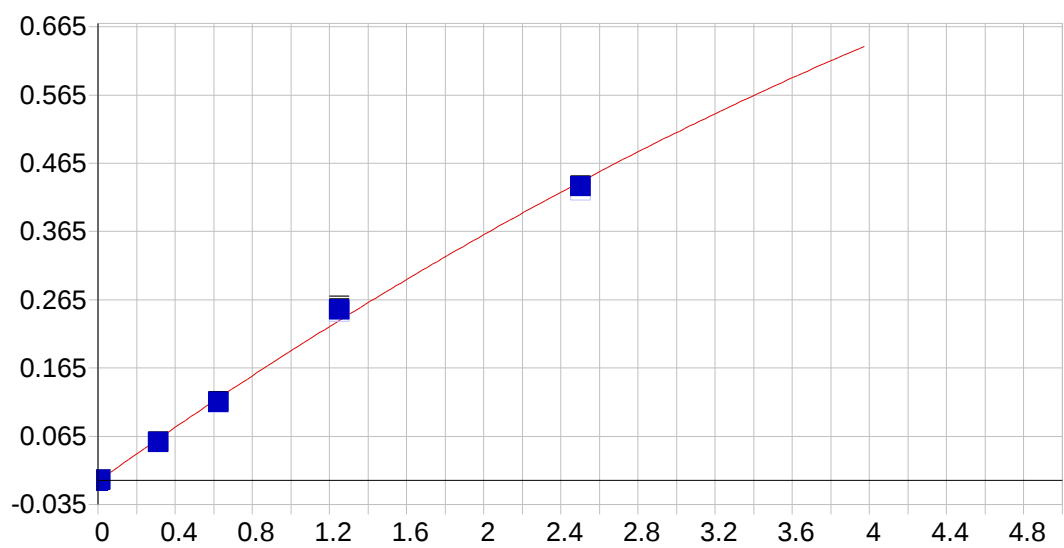


Ni 231.604 {446}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001667 Re-Slope: 1.000000
 A1 (Gain): 0.526087 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999669 Status: OK.
 Std Error of Est: 0.000322
 Predicted MDL: 0.000410
 Predicted MQL: 0.001367

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	-.00167	.000	1
S1	.04000	.04312	.003	7.80	.02103	.000	1
S2	.62500	.65019	.025	4.03	.34106	.001	1
S3	1.2500	1.3043	.054	4.34	.68584	.003	1
S4	2.5000	2.5264	.026	1.06	1.3301	.010	1
S5	5.0000	4.8910	-.109	-2.18	2.5768	.008	1

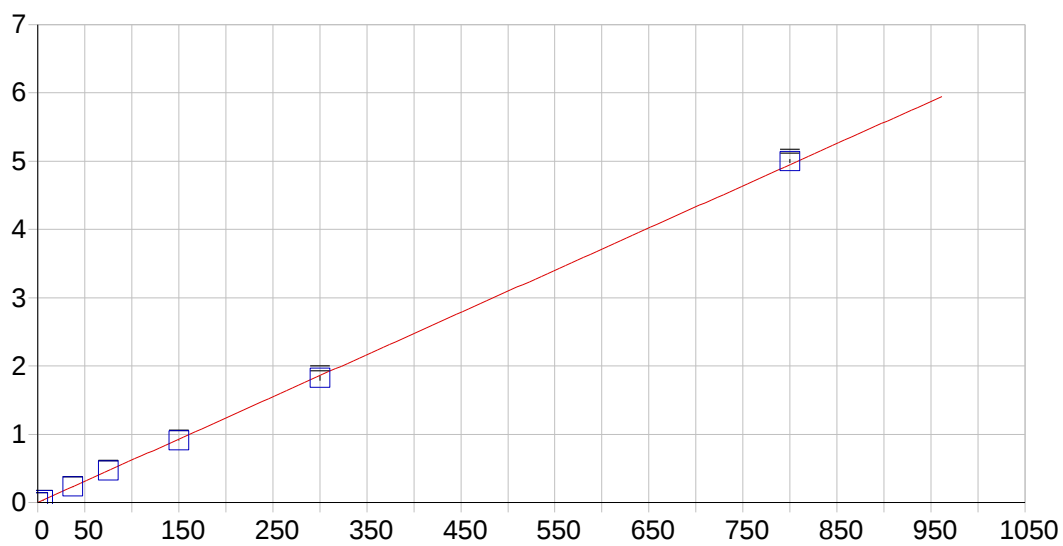


Ag 328.068 {103}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Curvilinear Weighting: 1/Conc

A0 (Offset): -0.000801 Re-Slope: 1.000000
 A1 (Gain): 0.201011 Y-int: 0.000000
 A2 (Curvature): -0.010229
 n (Exponent): 1.000000
 Correlation: 0.998911 Status: OK.
 Std Error of Est: 0.000082
 Predicted MDL: 0.000426
 Predicted MQL: 0.001420

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00080	.000	1
S1	.01000	.00898	-.001	-10.2	.00099	.000	1
S2	.31250	.28994	-.023	-7.22	.05581	.000	1
S3	.62500	.59671	-.028	-4.53	.11389	.001	1
S4	1.2500	1.3423	.092	7.38	.24736	.005	1
S5	2.5000	2.4590	-.041	-1.64	.42518	.000	1



Na 818.326 { 41}

Date of Fit: 5/29/2018 12:26:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.000999

Re-Slope: 1.000000

A1 (Gain): 0.006186

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999906

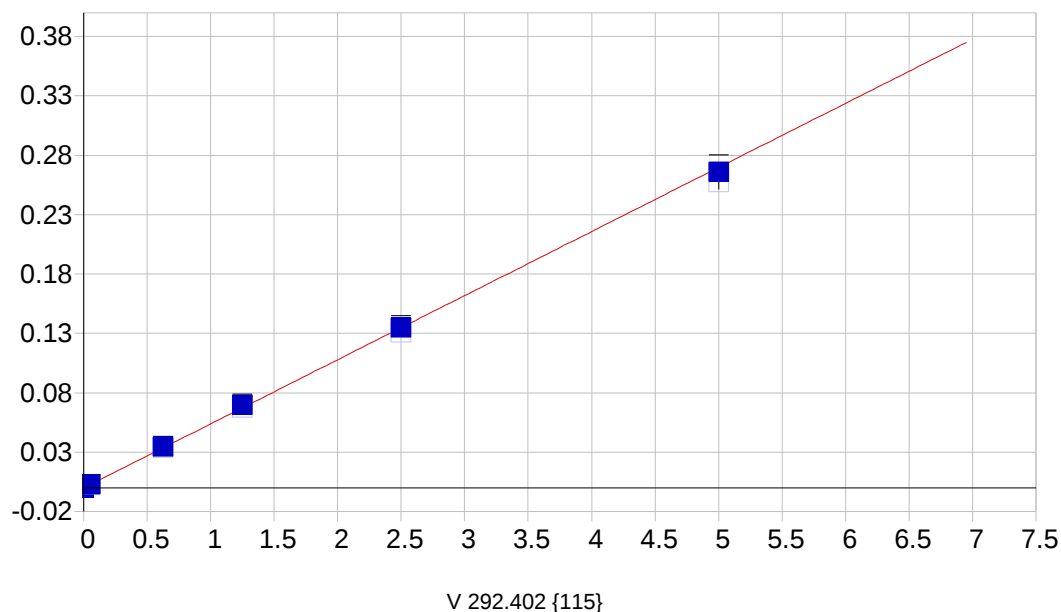
Status: OK.

Std Error of Est: 0.000262

Predicted MDL: 0.233046

Predicted MQL: 0.776820

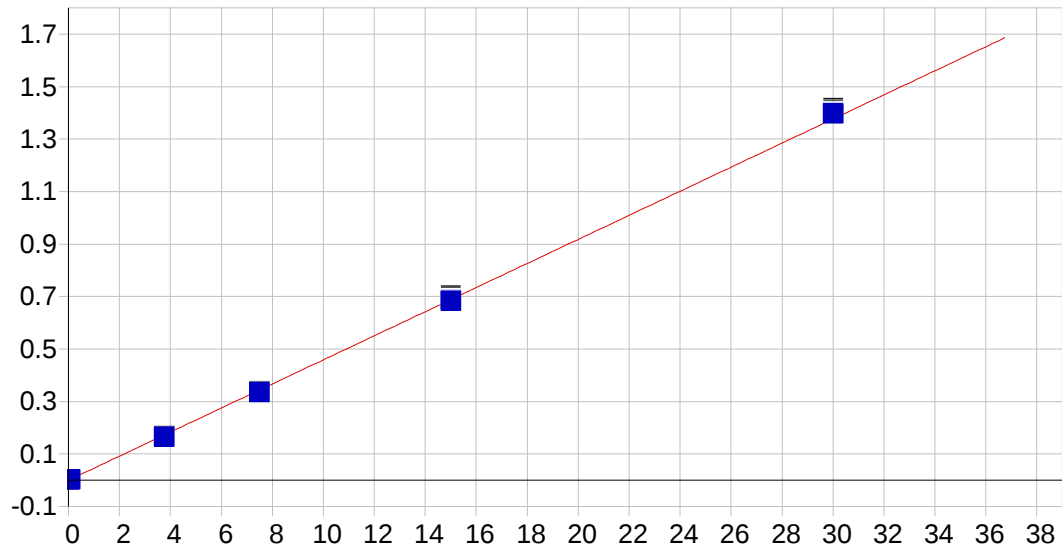
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00100	.001	1
S1	5.0000	4.9897	-.010	-.206	.03186	.001	1
S2	37.500	37.560	.060	.161	.23333	.001	1
S3	75.000	75.296	.296	.395	.46675	.004	1
S4	150.00	147.08	-2.92	-1.94	.91080	.006	1
S5	300.00	294.21	-5.79	-1.93	1.8209	.038	1
S6	800.00	808.35	8.35	1.04	5.0011	.029	1



Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000188 Re-Slope: 1.000000
 A1 (Gain): 0.053990 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999829 Status: OK.
 Std Error of Est: 0.000026
 Predicted MDL: 0.004655
 Predicted MQL: 0.015518

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00019	.000	1
S1	.05000	.05208	.002	4.16	.00262	.000	1
S2	.62500	.64662	.022	3.46	.03361	.000	1
S3	1.2500	1.2902	.040	3.21	.06724	.001	1
S4	2.5000	2.5030	.003	.119	.13049	.002	1
S5	5.0000	4.9331	-.067	-1.34	.25724	.006	1

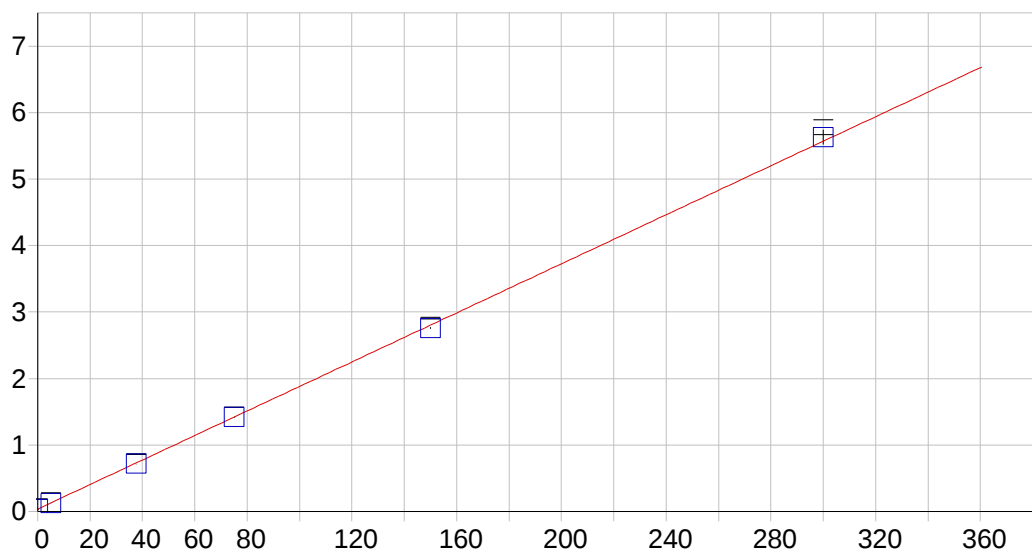


Zn 213.856 {158}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000177 Re-Slope: 1.000000
 A1 (Gain): 0.045889 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833 Status: OK.
 Std Error of Est: 0.000060
 Predicted MDL: 0.007973
 Predicted MQL: 0.026576

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00018	.000	1
S1	.06000	.05480	-.005	-8.66	.00235	.000	1
S2	3.7500	3.6082	-.142	-3.78	.16621	.001	1
S3	7.5000	7.2882	-.212	-2.82	.33589	.002	1
S4	15.000	14.911	-.089	-.594	.68730	.015	1
S5	30.000	30.448	.448	1.49	1.4035	.013	1



K 769.896 { 44}

Date of Fit: 5/29/2018 12:26:41

Type of Fit: Linear

Weighting: 1/Conc

A0 (Offset): 0.036814

Re-Slope: 1.000000

A1 (Gain): 0.018441

Y-int: 0.000000

A2 (Curvature): 0.000000

n (Exponent): 1.000000

Correlation: 0.999923

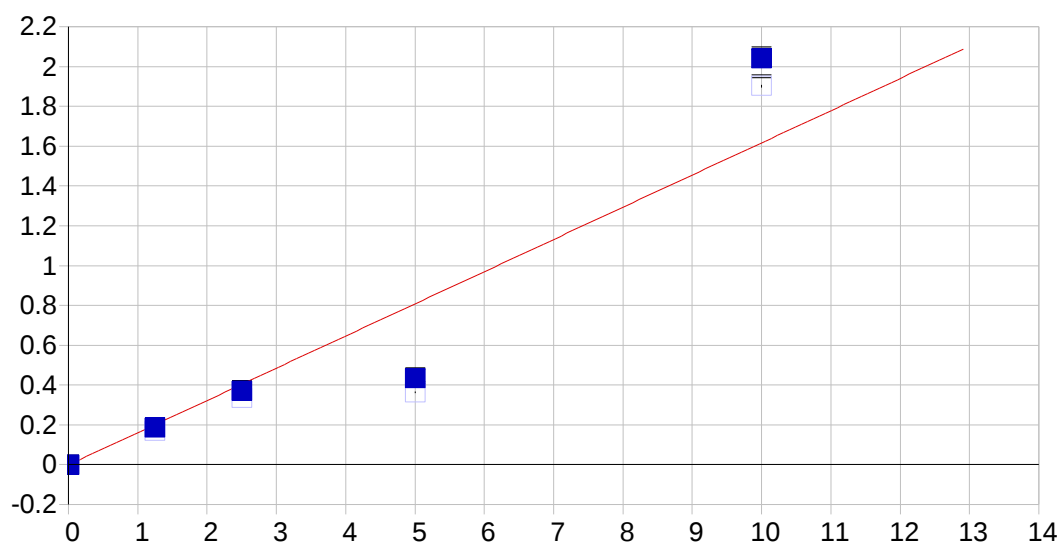
Status: OK.

Std Error of Est: 0.000471

Predicted MDL: 0.061301

Predicted MQL: 0.204336

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	.03682	.001	1
S1	5.0000	4.9294	-.071	-1.41	.12772	.001	1
S2	37.500	36.778	-.722	-1.93	.71505	.002	1
S3	75.000	74.938	-.062	-.083	1.4188	.004	1
S4	150.00	147.63	-2.37	-1.58	2.7592	.011	1
S5	300.00	303.23	3.23	1.08	5.6287	.112	1

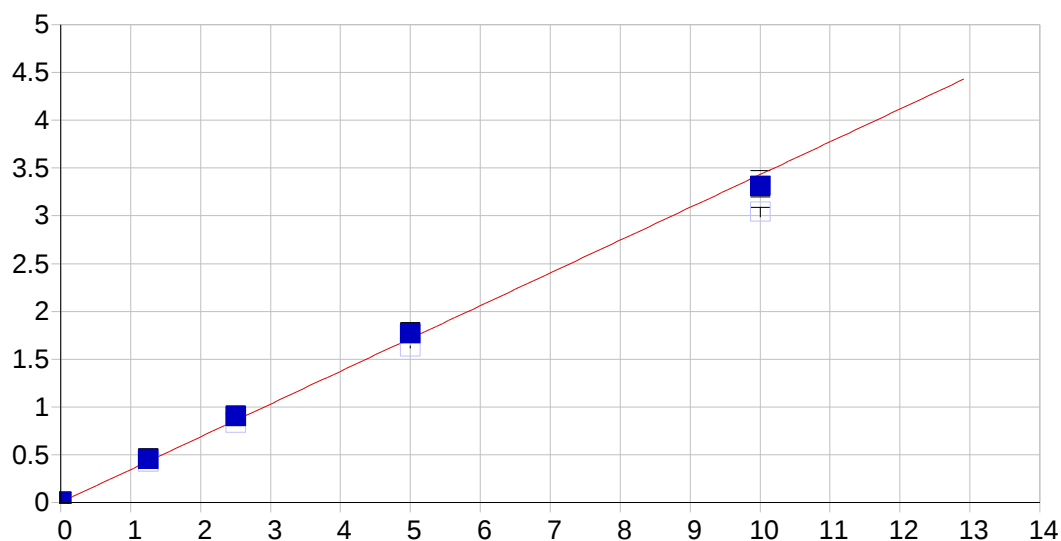


P 177.495 {490}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000810 Re-Slope: 1.000000
 A1 (Gain): 0.161742 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.947288 Status: OK.
 Std Error of Est: 0.000838
 Predicted MDL: 0.000460
 Predicted MQL: 0.001533

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00081	.000	1
S1	.01000	.00266	-.007	-73.4	-.00048	.000	1
S2	1.2500	1.1530	-.097	-7.76	.16824	.001	1
S3	2.5000	2.2963	-.204	-8.15	.33573	.003	1
S4	5.0000	2.6835	-2.32	-46.3	.36347	.004	1
S5	10.000	12.625	2.62	26.2	1.9016	.007	1

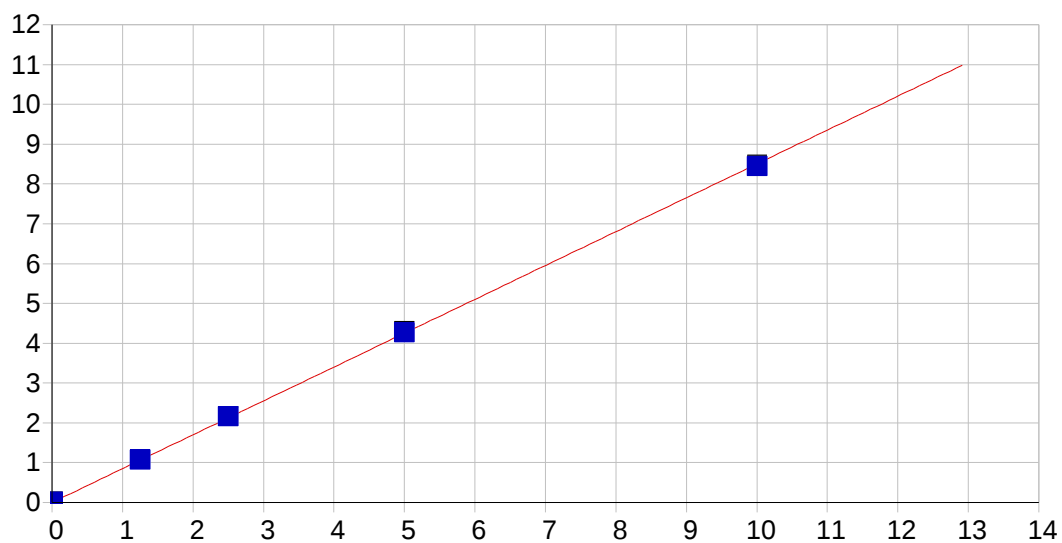


B 249.678 {135}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001518 Re-Slope: 1.000000
 A1 (Gain): 0.342953 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999163 Status: OK.
 Std Error of Est: 0.000217
 Predicted MDL: 0.001077
 Predicted MQL: 0.003590

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00152	.000	1
S1	.01000	.01062	.001	6.19	.00509	.000	1
S2	1.2500	1.3259	.076	6.07	.42227	.003	1
S3	2.5000	2.6238	.124	4.95	.83344	.006	1
S4	5.0000	5.1432	.143	2.86	1.6296	.014	1
S5	10.000	9.6565	-.344	-3.44	3.0416	.054	1

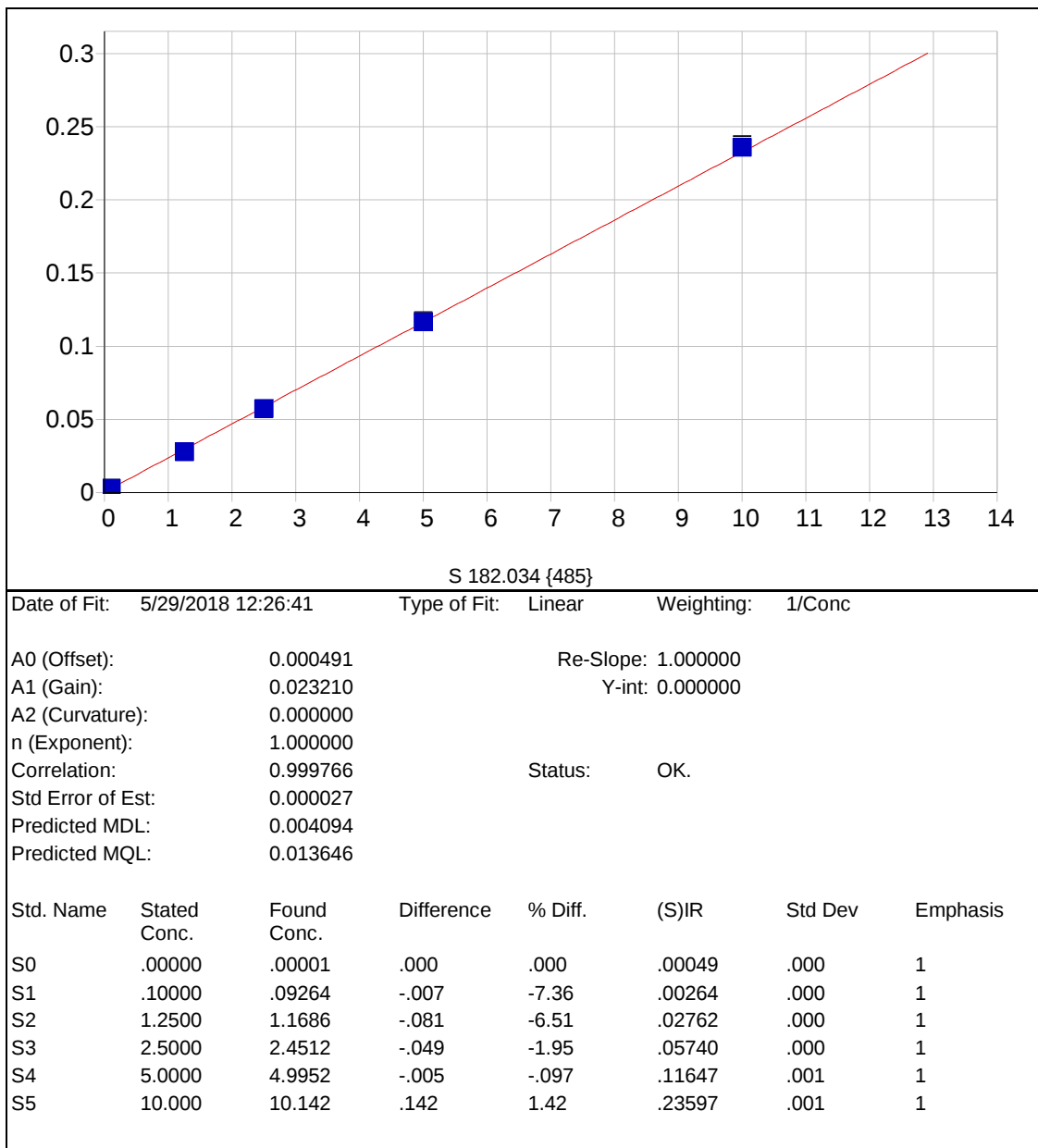


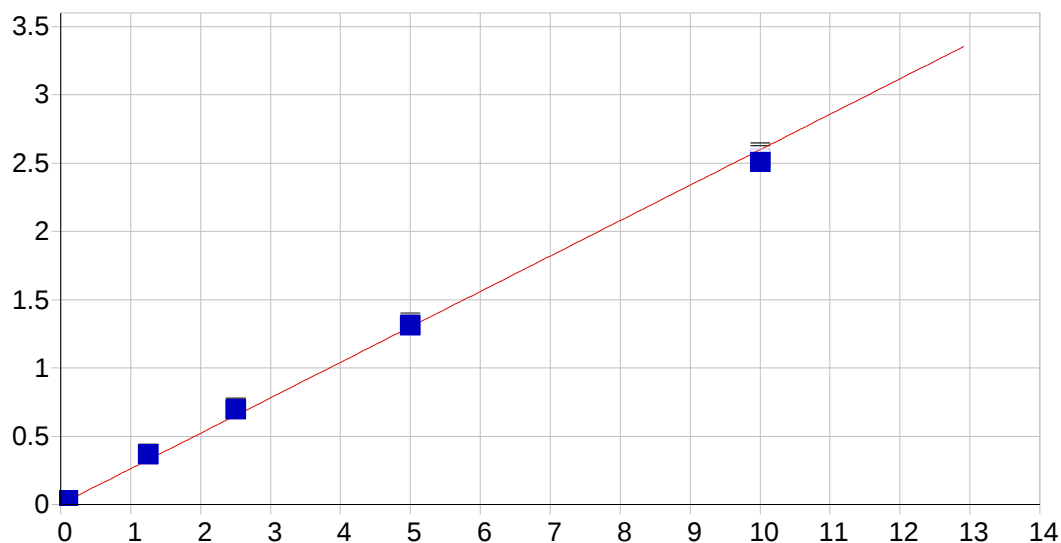
Mo 202.030 {467}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000378 Re-Slope: 1.000000
 A1 (Gain): 0.850279 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999971 Status: OK.
 Std Error of Est: 0.000108
 Predicted MDL: 0.000270
 Predicted MQL: 0.000900

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.01000	.01038	.000	3.83	.00920	.000	1
S2	1.2500	1.2603	.010	.820	1.0719	.004	1
S3	2.5000	2.5366	.037	1.46	2.1571	.011	1
S4	5.0000	5.0154	.015	.307	4.2646	.032	1
S5	10.000	9.9375	-.063	-.625	8.4496	.017	1



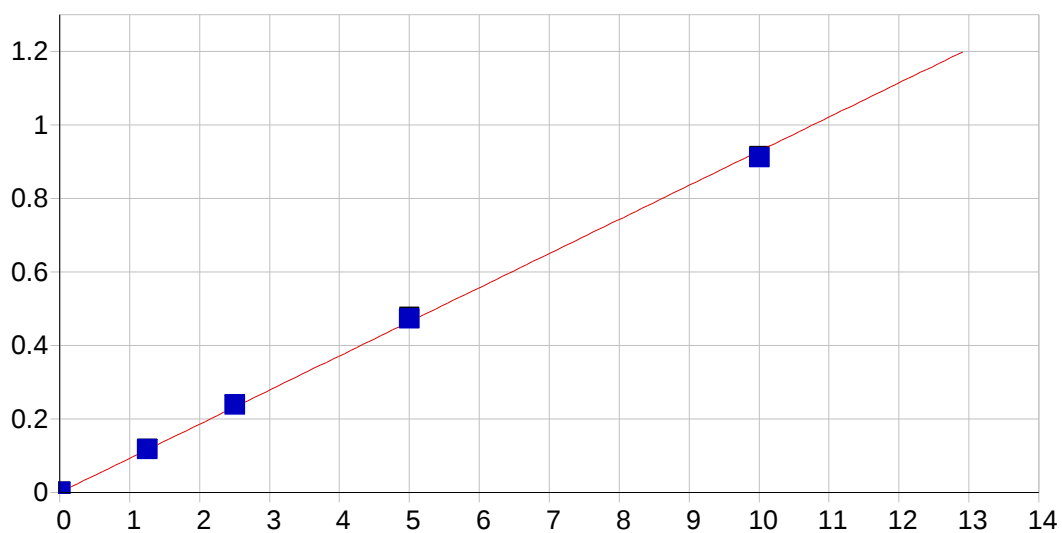


Si 251.611 {134}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002637 Re-Slope: 1.000000
 A1 (Gain): 0.259591 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.998949 Status: OK.
 Std Error of Est: 0.000638
 Predicted MDL: 0.001293
 Predicted MQL: 0.004309

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	.000	.000	.00263	.000	1
S1	.10000	.09731	-.003	-2.69	.02799	.001	1
S2	1.2500	1.3949	.145	11.6	.36741	.001	1
S3	2.5000	2.6676	.168	6.70	.70044	.008	1
S4	5.0000	5.0358	.036	.716	1.3205	.008	1
S5	10.000	9.6544	-.346	-3.46	2.5301	.047	1

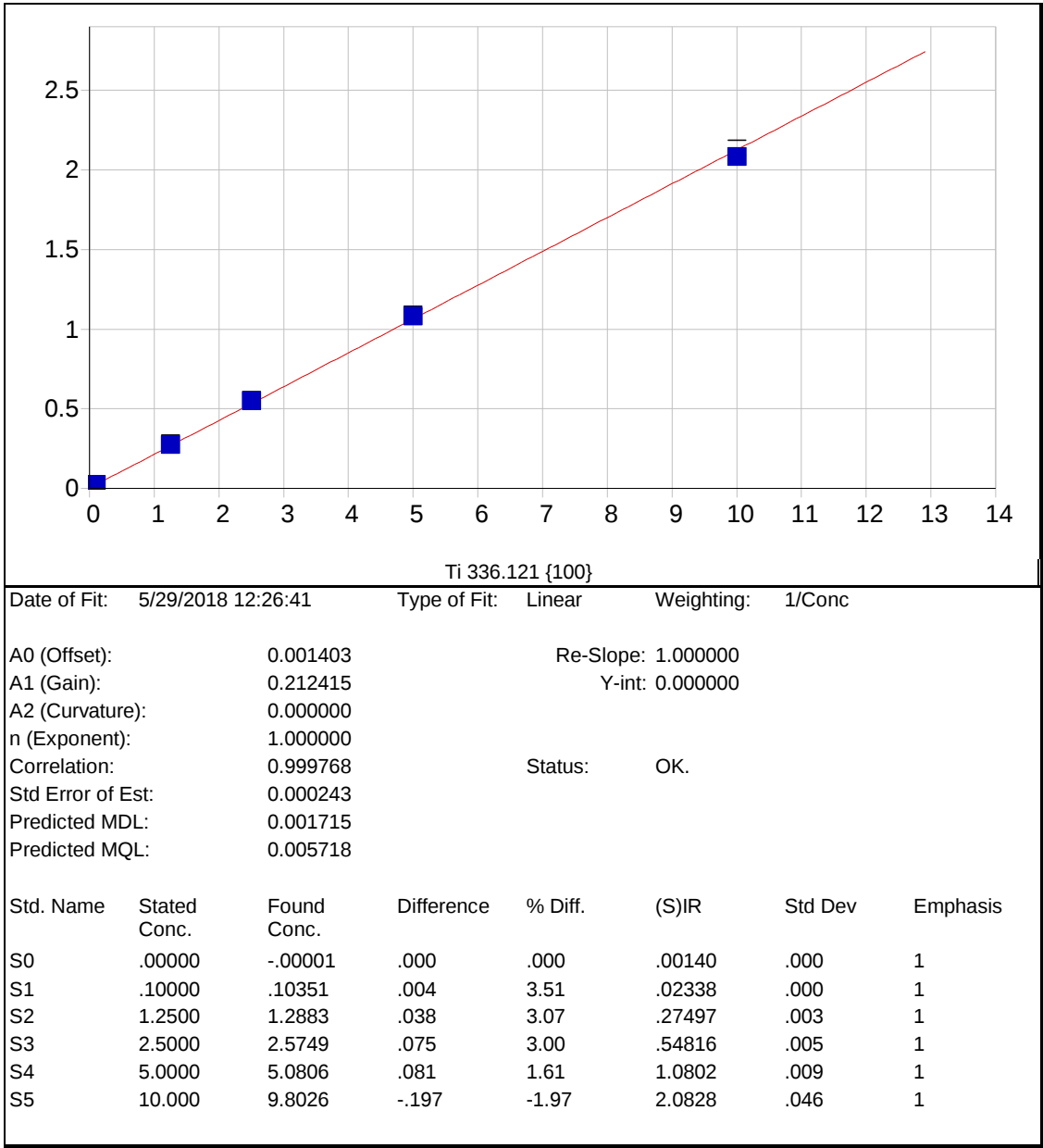


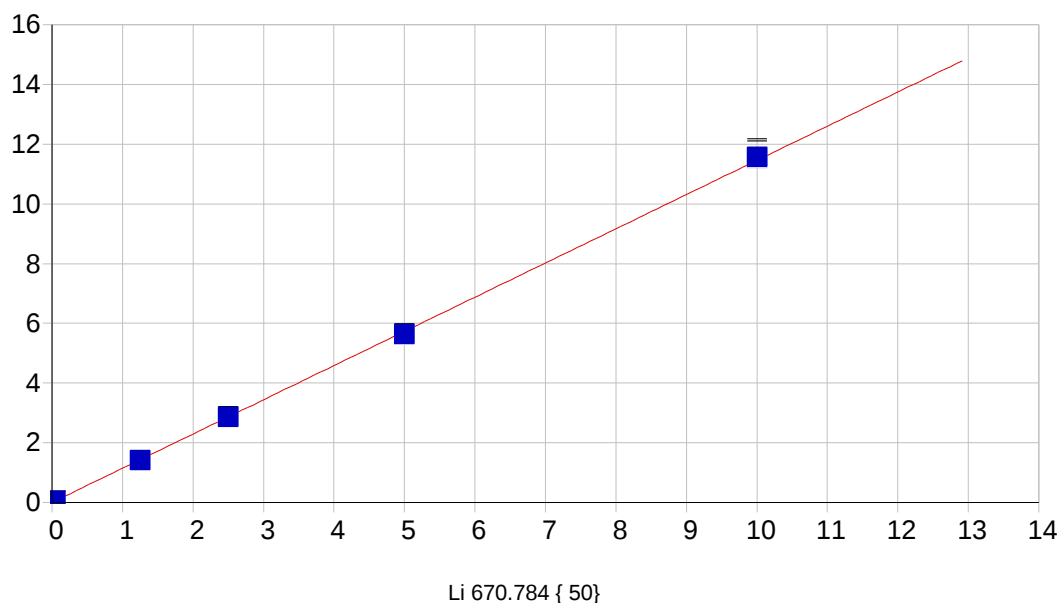
Sn 189.989 {478}

Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000143 Re-Slope: 1.000000
 A1 (Gain): 0.092849 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999813 Status: OK.
 Std Error of Est: 0.000025
 Predicted MDL: 0.001018
 Predicted MQL: 0.003392

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.000	1
S1	.00700	.00720	.000	2.91	.00079	.000	1
S2	1.2500	1.2618	.012	.940	.11704	.001	1
S3	2.5000	2.5653	.065	2.61	.23782	.001	1
S4	5.0000	5.1003	.100	2.01	.47268	.004	1
S5	10.000	9.8224	-.178	-1.78	.91009	.003	1

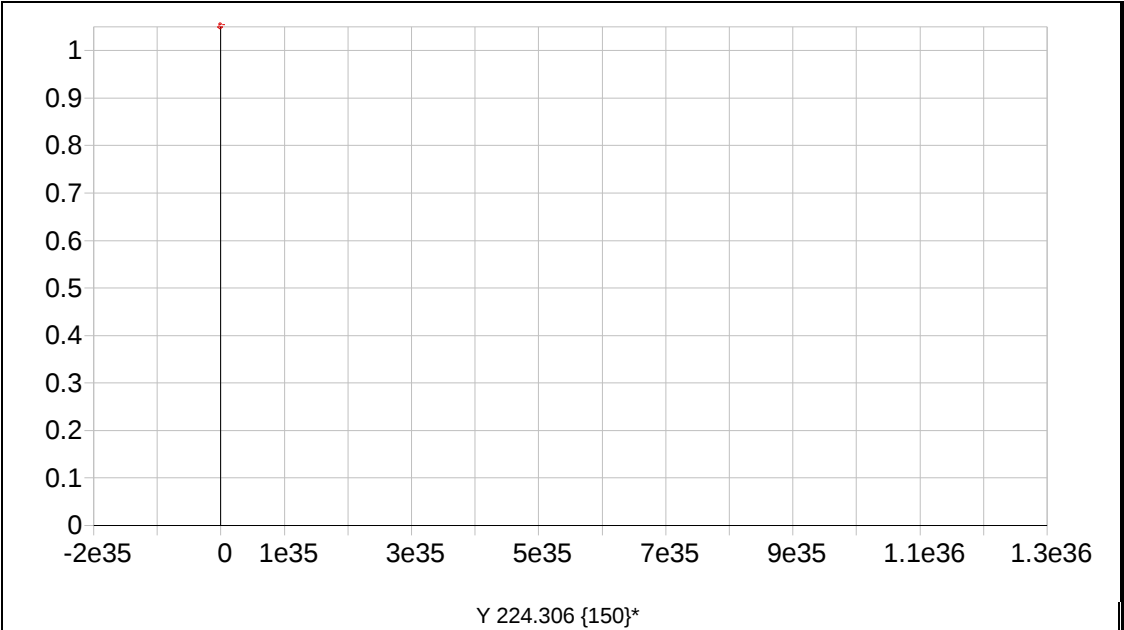




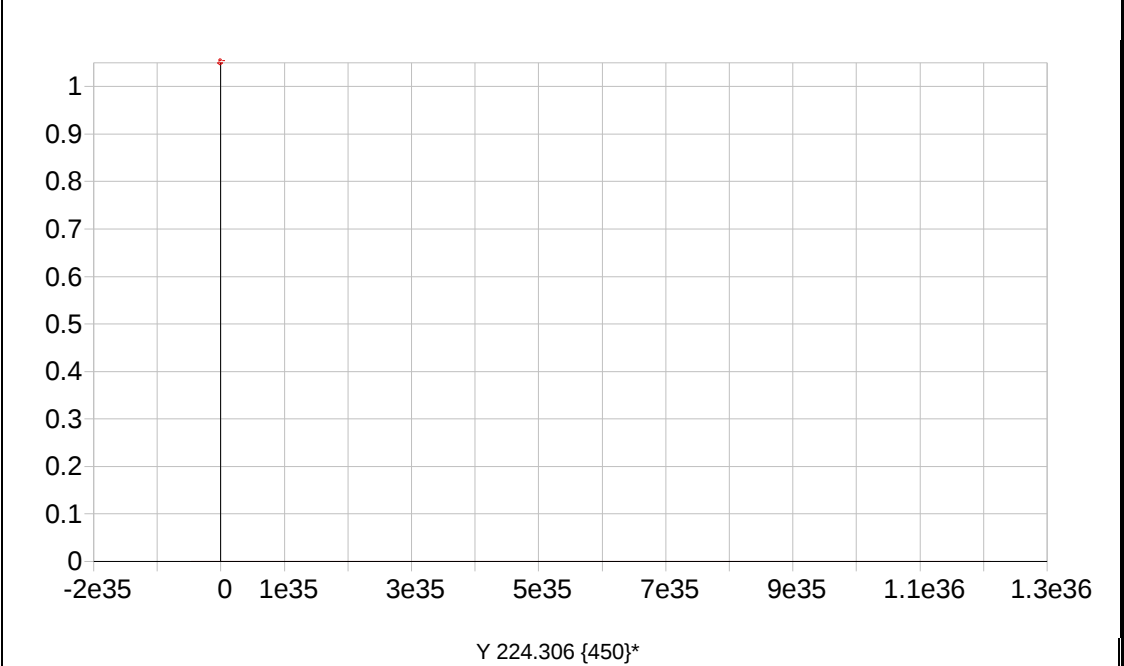
Date of Fit: 5/29/2018 12:26:41 Type of Fit: Linear Weighting: 1/Conc

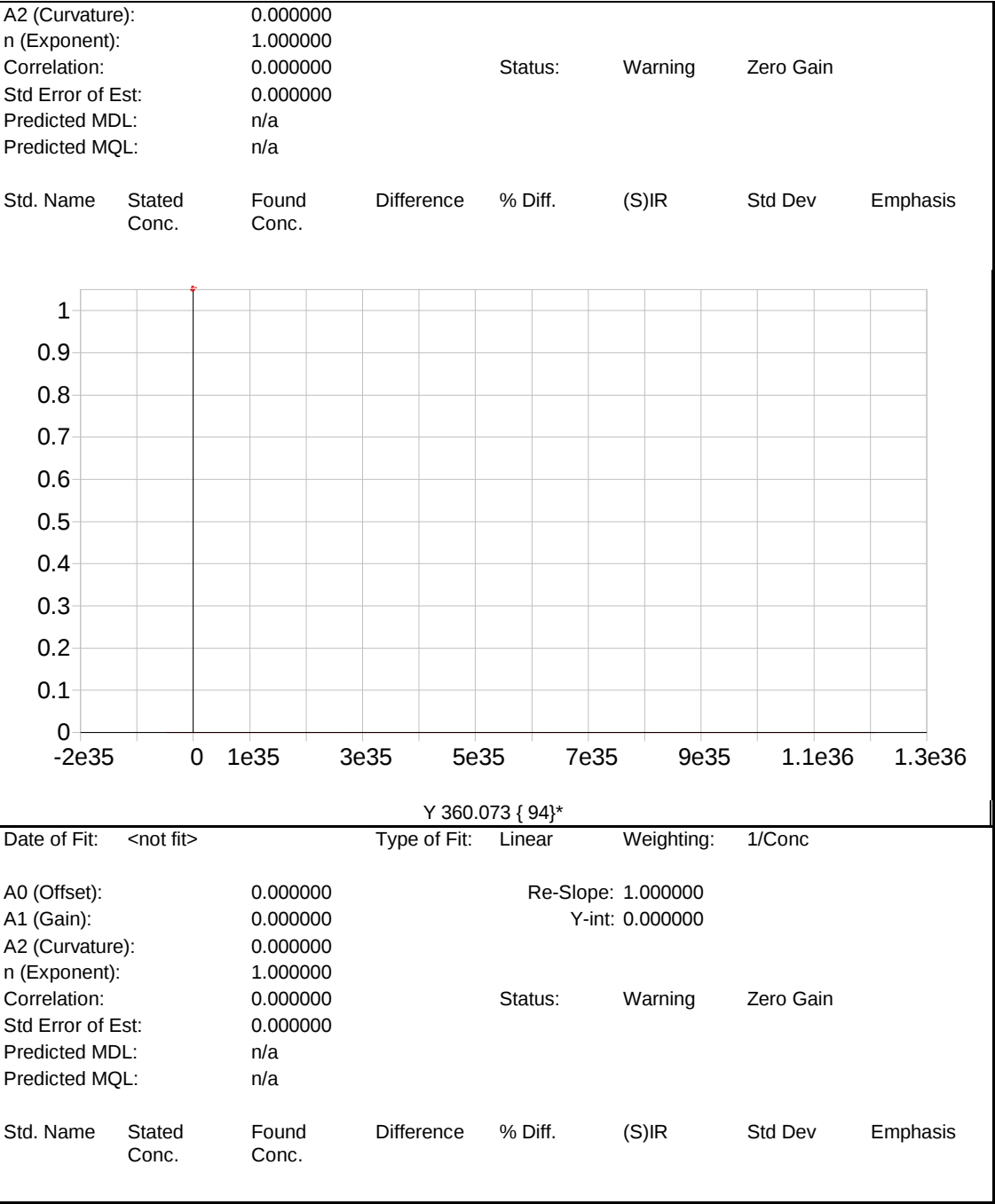
A0 (Offset): 0.003517 Re-Slope: 1.000000
 A1 (Gain): 1.145251 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999918 Status: OK.
 Std Error of Est: 0.000547
 Predicted MDL: 0.001298
 Predicted MQL: 0.004326

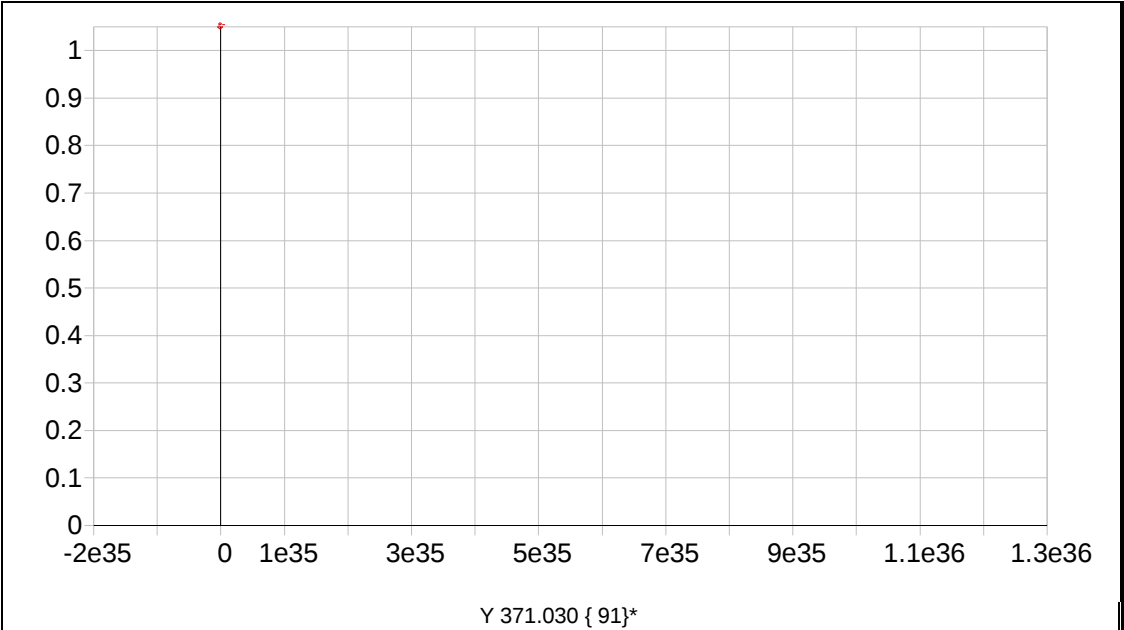
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00352	.001	1
S5	10.000	10.109	.109	1.09	11.517	.259	1
S4	5.0000	4.9218	-.078	-1.56	5.6080	.016	1
S3	2.5000	2.4967	-.003	-.133	2.8467	.013	1
S2	1.2500	1.2245	-.025	-2.04	1.3979	.007	1
S1	.05000	.04775	-.002	-4.50	.05809	.001	1



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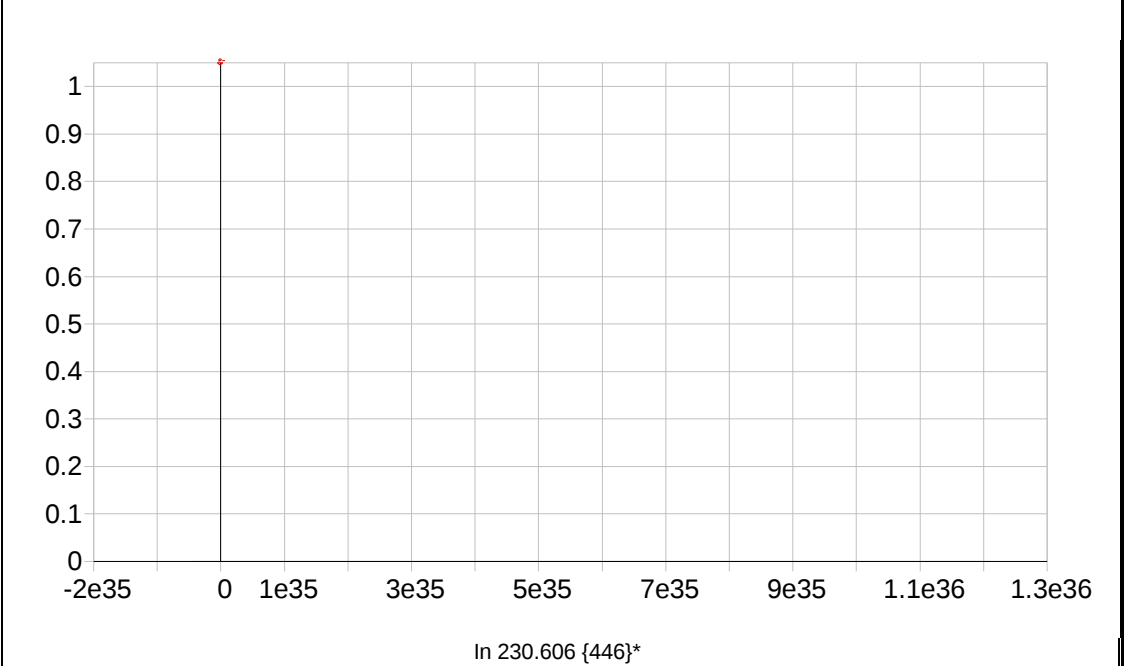




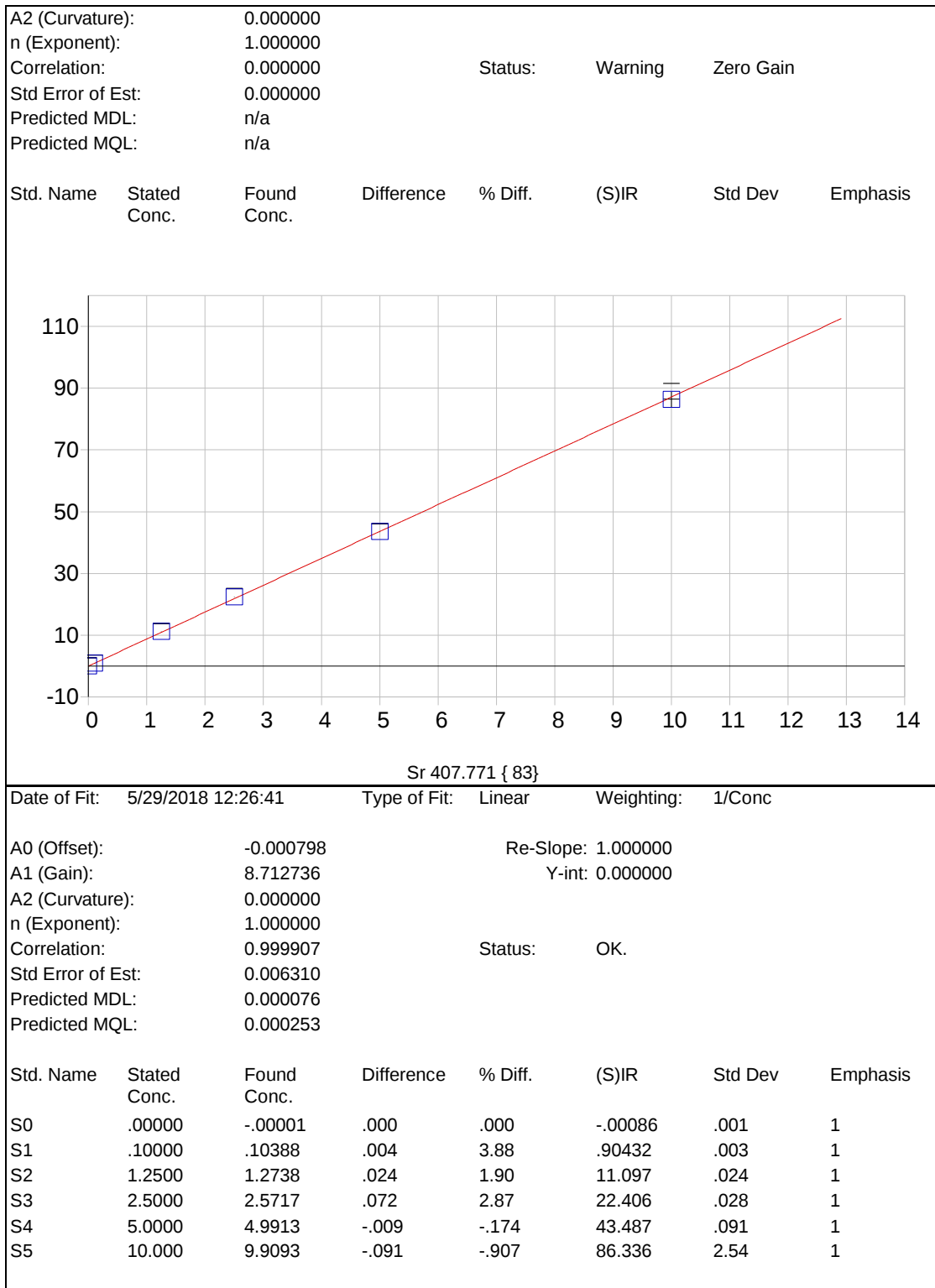


A0 (Offset):	0.000000	Re-Slope: 1.000000
A1 (Gain):	0.000000	Y-int: 0.000000
A2 (Curvature):	0.000000	
n (Exponent):	1.000000	
Correlation:	0.000000	Status: Warning Zero Gain
Std Error of Est:	0.000000	
Predicted MDL:	n/a	
Predicted MQL:	n/a	

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



Sample Name: S0 Acquired: 5/29/2018 11:49:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	-.00029	-.00033	-.00027	.00051	.00060	.00089	-.01663	-.00169
Stddev	.00023	.00004	.00009	.00036	.00017	.00110	.00340	.00036
%RSD	77.413	10.932	34.156	70.542	27.434	123.29	20.428	21.200

#1	-.00054	-.00029	-.00025	.00092	.00078	-.00007	-.01555	-.00205
#2	-.00024	-.00033	-.00018	.00038	.00045	.00065	-.01391	-.00134
#3	-.00010	-.00036	-.00036	.00024	.00059	.00208	-.02044	-.00168

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	.00056	.00110	.00002	-.00047	.00051	.00004	-.00004	-.00018
Stddev	.00017	.00034	.00003	.00007	.00016	.00021	.00020	.00005
%RSD	29.378	30.912	117.54	14.815	30.532	591.05	503.28	28.206

#1	.00075	.00076	-.00001	-.00053	.00060	-.00017	-.00024	-.00014
#2	.00047	.00143	.00003	-.00047	.00033	.00002	.00017	-.00024
#3	.00046	.00110	.00004	-.00040	.00060	.00025	-.00006	-.00016

Elem	Ni2316	Ag3280	Na8183	V_ 2924	Zn2138	K_ 7698	P_ 1774	B_ 2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00167	-.00080	.00100	-.00019	-.00018	.03682	-.00081	.00152
Stddev	.00020	.00003	.00076	.00004	.00017	.00122	.00003	.00017
%RSD	11.836	3.8334	76.392	21.874	95.156	3.3110	4.2016	11.035

#1	-.00190	-.00080	.00169	-.00015	-.00021	.03770	-.00083	.00147
#2	-.00155	-.00083	.00114	-.00018	.00000	.03543	-.00082	.00170
#3	-.00156	-.00077	.00018	-.00023	-.00033	.03732	-.00077	.00138

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	.00038	.00049	.00263	.00014	.00140	.00352	-.00086	
Stddev	.00004	.00005	.00031	.00005	.00038	.00116	.00056	
%RSD	9.2925	9.3376	11.700	37.954	27.365	32.832	64.823	

#1	.00041	.00053	.00270	.00016	.00096	.00278	-.00076	
#2	.00038	.00044	.00290	.00008	.00159	.00293	-.00036	
#3	.00034	.00050	.00230	.00018	.00165	.00485	-.00147	

Sample Name: S0 Acquired: 5/29/2018 11:49:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	2209.0	2358.1	58470.	7301.3	3927.6
Stddev	20.0	47.8	229.	31.6	77.1
%RSD	.90583	2.0274	.39169	.43269	1.9641
#1	2216.6	2302.9	58227.	7332.1	3838.7
#2	2186.3	2387.0	58502.	7302.9	3977.0
#3	2224.0	2384.4	58682.	7269.0	3967.1

Sample Name: S1 Acquired: 5/29/2018 11:53:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.00007	.00077	.00136	.00277	.01090	.01502	.65827	.02142
Stddev	.00010	.00003	.00015	.00005	.00035	.00052	.00226	.00025
%RSD	142.61	3.3696	11.285	1.8772	3.1836	3.4582	.34288	1.1445

#1	-.00003	.00079	.00121	.00274	.01097	.01541	.65590	.02168
#2	.00017	.00079	.00137	.00273	.01052	.01443	.66040	.02140
#3	.00006	.00074	.00152	.00283	.01121	.01522	.65852	.02119

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	.01257	.16679	.00143	.03490	.00297	.00124	.00255	.02129
Stddev	.00028	.00076	.00003	.00048	.00021	.00014	.00019	.00009
%RSD	2.2231	.45651	1.8519	1.3864	7.0980	11.546	7.2659	.44269

#1	.01246	.16719	.00144	.03471	.00289	.00116	.00254	.02138
#2	.01236	.16726	.00140	.03454	.00282	.00141	.00237	.02119
#3	.01289	.16591	.00145	.03545	.00321	.00116	.00274	.02130

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	.02103	.00099	.03186	.00262	.00235	.12772	-.00048	.00509
Stddev	.00039	.00004	.00119	.00016	.00032	.00109	.00004	.00006
%RSD	1.8747	4.1587	3.7407	6.1015	13.737	.85187	9.1169	1.2348

#1	.02070	.00095	.03203	.00279	.00222	.12889	-.00044	.00508
#2	.02092	.00099	.03060	.00260	.00210	.12753	-.00053	.00503
#3	.02147	.00103	.03296	.00247	.00271	.12673	-.00048	.00516

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	.00920	.00264	.02799	.00079	.02338	.05809	.90432	
Stddev	.00026	.00010	.00050	.00000	.00020	.00101	.00298	
%RSD	2.8665	3.9405	1.7917	.51099	.85734	1.7431	.32915	

#1	.00906	.00275	.02743	.00079	.02354	.05696	.90136	
#2	.00904	.00263	.02812	.00079	.02316	.05890	.90430	
#3	.00951	.00254	.02841	.00078	.02345	.05841	.90731	

Sample Name: S1 Acquired: 5/29/2018 11:53:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	2280.0	2398.3	59590.	7454.5	3964.7
Stddev	32.1	33.6	528.	36.4	53.7
%RSD	1.4083	1.4001	.88537	.48873	1.3536
#1	2243.5	2414.5	59089.	7418.5	3992.8
#2	2304.1	2420.7	60141.	7491.3	3998.4
#3	2292.3	2359.7	59541.	7453.7	3902.8

Sample Name: S2 Acquired: 5/29/2018 11:57:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.03871	.05242	.86581	.07736	.20738	2.6170	8.1951	.58368
Stddev	.00016	.00018	.00358	.00057	.00080	.0149	.0235	.00271
%RSD	.40690	.34092	.41372	.74256	.38615	.57077	.28684	.46393

#1	.03868	.05229	.86576	.07726	.20646	2.6001	8.1680	.58055
#2	.03857	.05234	.86225	.07684	.20783	2.6225	8.2070	.58527
#3	.03888	.05262	.86941	.07798	.20787	2.6283	8.2102	.58521

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	1.4627	1.9852	.51380	.43446	.34521	.40577	.60826	.26383
Stddev	.0064	.0044	.00113	.00100	.00072	.00297	.00226	.00202
%RSD	.43777	.22047	.21920	.23054	.20818	.73314	.37143	.76719

#1	1.4632	1.9818	.51369	.43466	.34505	.40250	.60644	.26150
#2	1.4561	1.9901	.51498	.43338	.34600	.40647	.61079	.26518
#3	1.4689	1.9835	.51273	.43535	.34460	.40833	.60755	.26480

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	.34106	.05581	.23333	.03361	.16621	.71505	.16824	.42227
Stddev	.00141	.00017	.00092	.00027	.00120	.00223	.00064	.00283
%RSD	.41452	.30335	.39296	.79600	.72058	.31251	.38323	.67069

#1	.34048	.05578	.23258	.03335	.16753	.71325	.16755	.41941
#2	.34003	.05567	.23307	.03389	.16589	.71433	.16834	.42508
#3	.34267	.05600	.23435	.03359	.16520	.71755	.16883	.42233

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	1.0719	.02762	.36741	.11704	.27497	1.3979	11.097	
Stddev	.0043	.00010	.00110	.00067	.00264	.0067	.024	
%RSD	.40498	.35511	.29860	.57535	.96053	.47678	.21641	

#1	1.0733	.02768	.36619	.11691	.27192	1.3902	11.074	
#2	1.0670	.02751	.36832	.11644	.27658	1.4008	11.096	
#3	1.0753	.02768	.36771	.11777	.27640	1.4026	11.122	

Sample Name: S2 Acquired: 5/29/2018 11:57:25 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	2160.8	2314.1	57477.	7344.5	3638.3
Stddev	10.1	5.2	205.	7.1	9.7
%RSD	.46766	.22678	.35645	.09682	.26538
#1	2149.5	2314.2	57252.	7337.6	3640.2
#2	2169.0	2319.2	57528.	7351.8	3646.9
#3	2163.9	2308.8	57653.	7344.0	3627.9

Sample Name: S3 Acquired: 5/29/2018 12:01:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.07896	.10452	1.7429	.15602	.42058	5.2837	16.689	1.1602
Stddev	.00087	.00147	.0058	.00110	.00307	.0285	.056	.0083
%RSD	1.1040	1.4045	.33035	.70448	.73001	.53871	.33779	.71735

#1	.07798	.10344	1.7381	.15559	.41800	5.3165	16.752	1.1679
#2	.07927	.10392	1.7412	.15519	.41976	5.2665	16.670	1.1514
#3	.07963	.10619	1.7493	.15727	.42397	5.2679	16.645	1.1612

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9408	3.9753	1.0142	.88013	.69256	.80119	1.2130	.53117
Stddev	.0154	.0125	.0042	.00403	.00097	.00984	.0030	.00519
%RSD	.52488	.31487	.41746	.45801	.14034	1.2280	.24561	.97802

#1	2.9258	3.9898	1.0191	.87548	.69368	.81250	1.2157	.53700
#2	2.9401	3.9677	1.0125	.88232	.69189	.79468	1.2134	.52702
#3	2.9566	3.9686	1.0112	.88259	.69213	.79637	1.2098	.52949

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	.68584	.11389	.46675	.06724	.33589	1.4188	.33573	.83344
Stddev	.00317	.00053	.00432	.00088	.00211	.0036	.00336	.00630
%RSD	.46219	.46365	.92474	1.3131	.62702	.25637	.99956	.75573

#1	.68311	.11352	.47158	.06825	.33831	1.4215	.33293	.84029
#2	.68509	.11449	.46538	.06684	.33482	1.4146	.33480	.82789
#3	.68932	.11366	.46328	.06663	.33453	1.4201	.33945	.83214

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	2.1571	.05740	.70044	.23782	.54816	2.8467	22.406	
Stddev	.0114	.00032	.00762	.00122	.00478	.0126	.028	
%RSD	.52845	.56487	1.0876	.51320	.87121	.44384	.12522	

#1	2.1479	.05712	.70810	.23710	.55366	2.8613	22.438	
#2	2.1534	.05734	.69287	.23713	.54518	2.8389	22.387	
#3	2.1698	.05775	.70035	.23923	.54563	2.8401	22.393	

Sample Name: S3 Acquired: 5/29/2018 12:01:17 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	2087.9	2228.9	55976.	7249.7	3441.4
Stddev	9.3	7.2	316.	38.9	14.4
%RSD	.44578	.32318	.56445	.53673	.41865
#1	2085.1	2235.9	55700.	7205.2	3456.3
#2	2080.4	2229.4	55906.	7277.4	3440.3
#3	2098.3	2221.5	56321.	7266.4	3427.6

Sample Name: S4 Acquired: 5/29/2018 12:05:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.15832	.19988	3.4052	.30827	.84172	10.480	32.479	2.2388
Stddev	.00104	.00198	.0277	.00214	.00742	.072	.107	.0098
%RSD	.65546	.99287	.81191	.69325	.88115	.68873	.32899	.43986

#1	.15749	.19886	3.3865	.30653	.83570	10.548	32.589	2.2460
#2	.15798	.19861	3.3921	.30762	.83945	10.405	32.376	2.2276
#3	.15949	.20217	3.4369	.31065	.85001	10.488	32.471	2.2429

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.6983	7.6032	2.0033	1.7171	1.3495	1.5329	2.2866	1.0433
Stddev	.0471	.0100	.0461	.0137	.0039	.0187	.0105	.0129
%RSD	.82706	.13109	2.3027	.79958	.28992	1.2221	.46070	1.2352

#1	5.6699	7.5984	1.9620	1.7097	1.3521	1.5485	2.2758	1.0529
#2	5.6724	7.5965	1.9948	1.7087	1.3450	1.5122	2.2873	1.0287
#3	5.7527	7.6147	2.0531	1.7330	1.3515	1.5381	2.2968	1.0484

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	1.3301	.24736	.91080	.13049	.68730	2.7592	.36347	1.6296
Stddev	.0099	.00503	.00637	.00169	.01470	.0107	.00370	.0139
%RSD	.74117	2.0316	.69945	1.2970	2.1387	.38886	1.0187	.85255

#1	1.3243	.24350	.91510	.13203	.67401	2.7688	.36099	1.6395
#2	1.3246	.24553	.90348	.12868	.68481	2.7476	.36169	1.6137
#3	1.3415	.25304	.91381	.13078	.70309	2.7613	.36772	1.6356

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	4.2646	.11647	1.3205	.47268	1.0802	5.6080	43.487	
Stddev	.0315	.00087	.0081	.00382	.0087	.0158	.091	
%RSD	.73922	.74323	.61665	.80738	.80759	.28077	.20936	

#1	4.2386	.11599	1.3252	.46975	1.0883	5.6256	43.548	
#2	4.2556	.11595	1.3111	.47129	1.0710	5.5953	43.382	
#3	4.2997	.11747	1.3253	.47699	1.0813	5.6031	43.530	

Sample Name: S4 Acquired: 5/29/2018 12:05:08 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	1954.8	2104.7	53386.	7173.7	3223.6
Stddev	37.8	14.5	1104.	47.0	24.1
%RSD	1.9346	.68712	2.0670	.65545	.74716
#1	1991.9	2115.6	54410.	7135.4	3236.2
#2	1956.2	2110.1	53531.	7226.2	3238.8
#3	1916.3	2088.3	52217.	7159.5	3195.8

Sample Name: S5 Acquired: 5/29/2018 12:08:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.32825	.38091	6.6952	.62462	1.7545	21.404	64.336	4.4045
Stddev	.00088	.00148	.0190	.00140	.0060	.458	.988	.0881
%RSD	.26874	.38803	.28412	.22365	.34503	2.1393	1.5362	1.9995

#1	.32808	.38100	6.6789	.62339	1.7479	21.912	65.382	4.5007
#2	.32747	.37939	6.6907	.62432	1.7560	21.276	64.208	4.3847
#3	.32921	.38234	6.7161	.62614	1.7598	21.023	63.418	4.3280

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	11.021	15.179	3.6759	3.3408	2.6769	3.0164	4.4921	2.1322
Stddev	.029	.298	.0077	.0055	.0580	.0648	.0844	.0434
%RSD	.26210	1.9622	.20908	.16311	2.1648	2.1479	1.8790	2.0370

#1	11.004	15.499	3.6845	3.3378	2.7384	3.0888	4.5774	2.1811
#2	11.005	15.128	3.6695	3.3375	2.6688	2.9965	4.4904	2.1173
#3	11.055	14.910	3.6738	3.3471	2.6234	2.9639	4.4086	2.0981

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5768	.42518	1.8209	.25724	1.4035	5.6287	1.9016	3.0416
Stddev	.0083	.00032	.0378	.00601	.0132	.1117	.0070	.0543
%RSD	.32400	.07453	2.0763	2.3368	.94062	1.9852	.36626	1.7863

#1	2.5690	.42509	1.8636	.26319	1.3979	5.7512	1.9014	3.1031
#2	2.5759	.42554	1.8074	.25738	1.4186	5.6025	1.8948	3.0218
#3	2.5856	.42492	1.7917	.25117	1.3940	5.5324	1.9087	3.0000

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077	
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	
Avg	8.4496	.23597	2.5301	.91009	2.0828	11.517	86.336	
Stddev	.0175	.00145	.0466	.00283	.0464	.259	2.540	
%RSD	.20699	.61538	1.8415	.31054	2.2266	2.2505	2.9416	

#1	8.4330	.23656	2.5824	.90688	2.1344	11.801	89.269	
#2	8.4480	.23432	2.5149	.91115	2.0694	11.456	84.907	
#3	8.4679	.23704	2.4930	.91223	2.0447	11.293	84.834	

Sample Name: S5 Acquired: 5/29/2018 12:08:59 Type: Cal
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	1860.3	1930.7	52596.	7030.6	2988.6
Stddev	4.4	3.8	150.	128.1	7.6
%RSD	.23651	.19506	.28474	1.8214	.25581
#1	1863.3	1931.5	52526.	6887.1	2990.7
#2	1855.2	1933.9	52768.	7071.6	2994.9
#3	1862.3	1926.6	52494.	7133.2	2980.1

Sample Name: S6 Acquired: 5/29/2018 12:13:03 Type: Cal
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	55.494	24.922	7.9438	3.4608	5.0011
Stddev	.159	.064	.0914	.0385	.0292
%RSD	.28722	.25789	1.1511	1.1115	.58366

#1	55.676	24.848	7.9895	3.4790	5.0096
#2	55.423	24.948	7.8386	3.4166	4.9687
#3	55.382	24.968	8.0034	3.4867	5.0252

Int. Std.	Y_3710
Units	Cts/S
Avg	6982.2
Stddev	30.9
%RSD	.44194

#1	6964.6
#2	7017.8
#3	6964.0

Sample Name: ICV Acquired: 5/29/2018 12:17:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: ICV Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.004318	1.083411	1.020463	1.026530	1.018431	2.482228
Stddev	.006994	.004507	.003571	.004364	.003847	.029389
%RSD	.6964289	.4160153	.3499404	.4251418	.3776980	1.183957

#1	1.001594	1.085715	1.021487	1.022380	1.014102	2.516163
#2	.999095	1.078217	1.016492	1.031081	1.019737	2.465120
#3	1.012264	1.086300	1.023410	1.026130	1.021456	2.465403

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5310803	.5214489	.5215232	10.79511	.5031756	.5192723
Stddev	.0049490	.0059793	.0017537	.10213	.0006877	.0011792
%RSD	.9318692	1.146676	.3362567	.9461177	.1366695	.2270953

#1	.5367947	.5255550	.5200993	10.90440	.5025549	.5181864
#2	.5281942	.5145888	.5209882	10.70208	.5039149	.5191038
#3	.5282518	.5242029	.5234820	10.77886	.5030570	.5205268

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5367451	5.474380	.5188413	5.916222	.5372964	.4593913
Stddev	.0043412	.031789	.0086825	.048393	.0019340	.0016585
%RSD	.8088066	.5806903	1.673445	.8179788	.3599455	.3610310

#1	.5417573	5.497746	.5288042	5.967408	.5364618	.4609567
#2	.5343090	5.438180	.5148307	5.910043	.5359198	.4576531
#3	.5341691	5.487215	.5128891	5.871215	.5395075	.4595639

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.44025	.5423182	1.006946	9.837068	F .7250706	F .0104556
Stddev	.04646	.0032958	.014013	.056703	.0017057	.0001502
%RSD	.4450403	.6077220	1.391632	.5764185	.2352447	1.436269

#1	10.45527	.5439375	1.021016	9.860158	.7244528	.0104874
#2	10.38814	.5385259	1.006831	9.772464	.7237598	.0102920
#3	10.47735	.5444910	.992990	9.878583	.7269991	.0105873

Sample Name: ICV Acquired: 5/29/2018 12:17:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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 -.000000	.0068922	.0014929	F -.000304	-.000778	.0052985
Stddev	.000151	.0047268	.0006122	.000750	.000573	.0018695
%RSD	44402.72	68.58253	41.00294	246.8317	73.70985	35.28337

#1	-.000115	.0117833	.0021925	-.001018	-.001156	.0033506
#2	.000171	.0065445	.0012311	-.000370	-.000118	.0054667
#3	-.000057	.0023488	.0010553	.000477	-.001060	.0070782

Elem	Sr4077
Units	ppm
Avg	.0122298
Stddev	.0001132
%RSD	.9257078

#1	.0123391
#2	.0121130
#3	.0122373

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2294.039	2421.983	60361.34	7680.964	3992.381
Stddev	16.264	5.605	421.08	55.588	5.022
%RSD	.7089739	.2314070	.6975971	.7237130	.1257857

#1	2310.051	2421.509	60719.36	7632.076	3992.111
#2	2277.534	2427.809	59897.42	7741.429	3997.532
#3	2294.532	2416.630	60467.24	7669.388	3987.499

Sample Name: ICB Acquired: 5/29/2018 12:21:29 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0010106	.0037351	.0028315	-.000382	-.000197	-.002290	-.000005
Stddev	.0032151	.0005445	.0015324	.001074	.001704	.004171	.000677
%RSD	318.1503	14.57897	54.11878	281.4600	863.9862	182.1511	14070.50

#1	.0046159	.0043492	.0015576	-.000807	-.000451	-.000792	-.000038
#2	-.000025	.0035446	.0024049	-.001178	.001619	.000926	.000688
#3	-.001559	.0033113	.0045320	.000840	-.001759	-.007003	-.000665

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000039	.0000761	.0038324	-.000084	-.000096	-.000170	.0027383
Stddev	.000044	.0000147	.0170650	.000263	.000212	.002472	.0037414
%RSD	111.7400	19.35968	445.2840	312.4969	220.7594	1455.646	136.6329

#1	-.000037	.0000875	.0161969	.000142	-.000050	.000398	.0061760
#2	-.000084	.0000595	-.015637	-.000373	.000089	.001969	-.001247
#3	.000003	.0000815	.010938	-.000021	-.000328	-.002877	.003285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005409	.0190078	-.000092	.0001884	.0492591	.0012570	.0005868
Stddev	.0004087	.0258747	.000372	.0005046	.2163288	.0011917	.0009451
%RSD	75.54835	136.1271	404.7143	267.8791	439.1653	94.81108	161.0629

#1	.0003308	-.002992	.000014	.0001943	.1636132	.0021131	-.000227
#2	.0010119	.047515	-.000505	.0006900	.1844112	-.000104	.001623
#3	.0002801	.012501	.000215	-.000319	-.200247	.001762	.000364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0332361	-.000152	.0037014	-.000092	.0016914	-.003293	-.000241
Stddev	.1249723	.000559	.0010382	.000201	.0020772	.001131	.001096
%RSD	376.0135	368.5928	28.04836	218.2776	122.8071	34.35760	454.4430

#1	.1736666	.000408	.0044487	-.000093	.0037436	-.004206	-.001294
#2	-.008213	-.000152	.0041395	-.000293	.0017404	-.003646	-.000324
#3	-.065746	-.000711	.0025160	.000109	-.000410	-.002027	.000894

Sample Name: ICB Acquired: 5/29/2018 12:21:29 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	-.001361	.0018646	.0000917
Stddev	.000419	.0004882	.0000213
%RSD	30.79364	26.18148	23.21730

#1	-.001323	.0021955	.0000958
#2	-.001798	.0020943	.0000686
#3	-.000962	.0013039	.0001105

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2307.138	2442.063	60913.16	7249.875	4080.845
Stddev	21.013	34.223	392.27	435.532	55.490
%RSD	.9107888	1.401383	.6439782	6.007442	1.359775

#1	2289.926	2473.089	60628.20	6747.250	4130.029
#2	2330.555	2405.355	61360.55	7486.550	4020.688
#3	2300.933	2447.746	60750.72	7515.825	4091.817

Sample Name: ICSA Acquired: 5/29/2018 12:31:00 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: ICSA Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000313	-.004928	-.003264	-.003026	.0038222	257.8091
Stddev	.003498	.001583	.002143	.007082	.0030290	6.9971
%RSD	1115.874	32.12863	65.66324	233.9959	79.24785	2.714069

#1	.003605	-.003114	-.003375	-.009571	.0017342	253.0631
#2	-.003123	-.006031	-.001067	.004492	.0024362	254.5194
#3	-.001423	-.005640	-.005349	-.004001	.0072963	265.8448

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053961	.0010549	-.000103	262.9405	.0477028	-.000532
Stddev	.0002990	.0000522	.000098	8.0436	.0003893	.000189
%RSD	5.541449	4.947998	95.65692	3.059081	.8160207	35.45994

#1	.0054116	.0011140	.000004	257.6219	.0479374	-.000628
#2	.0050896	.0010355	-.000189	259.0057	.0479176	-.000653
#3	.0056871	.0010152	-.000123	272.1940	.0472535	-.000315

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003604	105.1078	.0111877	265.8312	.0013879	-.002399
Stddev	.001165	2.5829	.0003528	6.1711	.0003814	.000356
%RSD	32.31219	2.457423	3.153673	2.321451	27.48145	14.83193

#1	-.004498	103.3613	.0110927	261.8059	.0010867	-.002220
#2	-.004027	103.8872	.0108921	262.7516	.0018168	-.002808
#3	-.002287	108.0748	.0115783	272.9361	.0012602	-.002167

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3718575	.0042530	-.011266	-.269214	-.005448	F .1042334
Stddev	.1405439	.0061549	.001040	.024311	.000994	.0035102
%RSD	37.79510	144.7204	9.231230	9.030423	18.24052	3.367642

#1	.2551040	.0106530	-.012396	-.279055	-.004502	.1013848
#2	.3326174	-.001623	-.011051	-.287061	-.006483	.1031606
#3	.5278512	.003729	-.010350	-.241525	-.005359	.1081549

Sample Name: ICSA Acquired: 5/29/2018 12:31:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0007509	.0087070	-.007035	-.003556	-.002684	.0048394
Stddev	.0001911	.0089694	.000228	.002810	.000958	.0002963
%RSD	25.44474	103.0131	3.246650	79.02820	35.69610	6.121841

#1	.0006083	.0187442	-.007257	-.006166	-.001620	.0050781
#2	.0006764	.0014766	-.007048	-.003919	-.002952	.0049321
#3	.0009680	.0059004	-.006801	-.000582	-.003478	.0045078

Elem	Sr4077
Units	ppm
Avg	.1067046
Stddev	.0030088
%RSD	2.819748

#1	.1047500
#2	.1051944
#3	.1101693

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2095.818	2199.622	55760.25	7285.608	3342.814
Stddev	16.436	25.669	315.65	148.179	38.176
%RSD	.7842391	1.166966	.5660789	2.033861	1.142019

#1	2080.241	2212.762	55656.89	7388.676	3353.617
#2	2094.217	2216.061	55509.24	7352.352	3374.424
#3	2112.997	2170.044	56114.62	7115.795	3300.401

Sample Name: ICSAB Acquired: 5/29/2018 12:35:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0937254	.0902769	.0428330	.0482473	.5925657	243.7378
Stddev	.0005397	.0013143	.0024507	.0038782	.0080161	.5501
%RSD	.5758822	1.455876	5.721525	8.038228	1.352781	.2256849

#1	.0943092	.0897319	.0450150	.0499146	.5889655	244.2263
#2	.0936224	.0917760	.0433024	.0510130	.5869809	243.8452
#3	.0932445	.0893227	.0401815	.0438142	.6017507	243.1420

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5125576	.5043570	1.003213	248.1664	.5123024	.4989090
Stddev	.0014658	.0021105	.016939	.3031	.0010689	.0078168
%RSD	.2859735	.4184472	1.688520	.1221515	.2086559	1.566778

#1	.5134543	.5059788	.994279	248.4783	.5126291	.4942516
#2	.5133525	.5051215	.992611	248.1481	.5131699	.4945420
#3	.5108661	.5019709	1.022750	247.8729	.5111082	.5079335

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5031737	99.78854	.4932486	252.8123	1.018878	.1725430
Stddev	.0041499	.24591	.0016322	.8931	.016257	.0008741
%RSD	.8247396	.2464266	.3309068	.3532726	1.595560	.5066179

#1	.4992659	99.99682	.4914638	253.4196	1.008490	.1734948
#2	.5027260	99.51726	.4936166	251.7868	1.010532	.1717760
#3	.5075293	99.85155	.4946653	253.2304	1.037613	.1723582

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4423138	.5098882	.9447707	-.526749	.0062093	F .0979574
Stddev	.1945658	.0094472	.0110211	.025016	.0001874	.0019683
%RSD	43.98819	1.852799	1.166542	4.749046	3.018436	2.009376

#1	.2852441	.4995468	.9574956	-.505107	.0060725	.0993655
#2	.3817347	.5180659	.9382584	-.521001	.0064229	.0957083
#3	.6599626	.5120520	.9385580	-.554138	.0061325	.0987983

Sample Name: ICSAB Acquired: 5/29/2018 12:35:06 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0013480	.0125537	-.004977	-.004479	-.004395	.0049071
Stddev	.0002909	.0060910	.001868	.002289	.000769	.0002541
%RSD	21.57848	48.51962	37.52806	51.10162	17.50295	5.177828

#1	.0013874	.0080349	-.003244	-.001939	-.005022	.0051682
#2	.0010394	.0101456	-.004731	-.006380	-.003536	.0046606
#3	.0016171	.0194806	-.006955	-.005118	-.004627	.0048926

Elem	Sr4077
Units	ppm
Avg	.1001864
Stddev	.0000846
%RSD	.0844262

#1	.1001467
#2	.1001291
#3	.1002836

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2132.887	2221.837	56567.90	7417.077	3395.506
Stddev	7.675	29.290	203.30	25.519	44.982
%RSD	.3598346	1.318292	.3593947	.3440636	1.324740

#1	2124.200	2241.814	56387.58	7388.242	3423.383
#2	2138.750	2235.484	56788.23	7426.237	3419.521
#3	2135.709	2188.213	56527.89	7436.752	3343.613

Sample Name: CCV085 Acquired: 5/29/2018 12:39:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.402425	5.100235	26.69937	5.393093	F 5.508701	433.7587
Stddev	.028896	.048396	.05461	.045245	.013175	2.8302
%RSD	.5348741	.9489067	.2045235	.8389525	.2391721	.6524863

#1	5.385406	5.112813	26.67756	5.375895	5.495036	432.4779
#2	5.386079	5.046791	26.65905	5.358968	5.509742	437.0029
#3	5.435789	5.141101	26.76152	5.444415	5.521325	431.7953

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.89331	.5446167	2.656097	429.5927	16.10176	2.669255
Stddev	.05677	.0043586	.007751	2.6507	.02126	.008669
%RSD	.5211643	.8003064	.2918202	.6170153	.1320170	.3247618

#1	10.88076	.5437752	2.658053	427.9533	16.10393	2.666739
#2	10.95530	.5493347	2.647556	432.6508	16.12184	2.662123
#3	10.84385	.5407402	2.662684	428.1741	16.07950	2.678904

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.31262	428.7310	15.62440	430.3302	2.714116	1.374559
Stddev	.09379	3.0391	.07834	3.2520	.004533	.005293
%RSD	.5749625	.7088592	.5013706	.7556907	.1670253	.3850841

#1	16.25748	426.4606	15.57052	429.0037	2.709826	1.369530
#2	16.42092	432.1836	15.71426	434.0358	2.713665	1.374065
#3	16.25947	427.5489	15.58841	427.9512	2.718858	1.380082

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	423.3778	2.700666	16.11477	164.2100	4.770229	F 5.575747
Stddev	3.5210	.022189	.04066	.8967	.046308	.028814
%RSD	.8316374	.8215969	.2522889	.5460983	.9707782	.5167734

#1	422.6514	2.686105	16.07898	164.0232	4.761186	5.565279
#2	427.2052	2.726203	16.15897	165.1854	4.729109	5.608332
#3	420.2766	2.689689	16.10635	163.4213	4.820391	5.553631

Sample Name: CCV085 Acquired: 5/29/2018 12:39:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV085 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.382703	5.560366	5.279869	5.471333	5.442042	5.458863
Stddev	.022830	.050378	.030968	.010625	.037450	.029463
%RSD	.4241275	.9060208	.5865287	.1942027	.6881612	.5397307

#1	5.369298	5.566946	5.268401	5.471069	5.427697	5.459694
#2	5.369749	5.507021	5.314935	5.460841	5.484544	5.487902
#3	5.409064	5.607130	5.256270	5.482088	5.413885	5.428993

Elem	Sr4077
Units	ppm
Avg	5.330633
Stddev	.012741
%RSD	.2390180

#1	5.330052
#2	5.343655
#3	5.318193

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.988	1989.802	52814.74	7116.036	2998.789
Stddev	3.629	5.616	112.72	53.183	4.739
%RSD	.1883990	.2822582	.2134162	.7473632	.1580183

#1	1921.813	1993.640	52685.08	7126.569	2998.816
#2	1927.777	1992.411	52889.39	7058.375	3003.514
#3	1928.375	1983.356	52869.75	7163.164	2994.037

Sample Name: CCB085 Acquired: 5/29/2018 12:43:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000468	.0054273	.0020618	-.001949	.0002843	-.003086	-.000633
Stddev	.001320	.0014181	.0006161	.002351	.0005943	.001874	.000416
%RSD	282.3202	26.12930	29.88029	120.6160	209.0540	60.72684	65.62229

#1	-.001703	.0064714	.0013590	.000717	.0003169	-.002706	-.000374
#2	-.000622	.0059977	.0023178	-.003723	-.000326	-.005121	-.000414
#3	.000923	.0038128	.0025086	-.002842	.000862	-.001431	-.001113

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	.0000773	.0077229	.0001336	.0000812	.0011979	.0011216
Stddev	.000032	.0000496	.0113822	.0001794	.0001369	.0021131	.0195743
%RSD	203.6078	64.18671	147.3826	134.2542	168.6137	176.3938	1745.235

#1	-.000015	.0000646	.0207700	.0001532	-.000064	.0031000	-.005086
#2	.000016	.0000353	-.000173	-.000055	.000098	-.001077	.023047
#3	-.000049	.0001321	.002572	.000302	.000209	.001571	-.014597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	-.004364	.0000822	.0004364	.1046437	.0023989	.0036913
Stddev	.000559	.015233	.0003865	.0001142	.1421985	.0034288	.0017996
%RSD	8092.655	349.0845	470.2607	26.16319	135.8882	142.9328	48.75044

#1	-.000651	-.005526	-.000339	.0005261	-.059006	.0026978	.0057388
#2	.000349	-.018982	.000164	.0004754	.198068	-.001170	.0023605
#3	.000282	.011417	.000421	.0003079	.174869	.005668	.0029748

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.087824	-.000018	.0048534	.0000024	.0045943	-.005693	-.000534
Stddev	.032794	.000107	.0005818	.0002404	.0020671	.000614	.000760
%RSD	37.34055	588.8032	11.98639	9988.952	44.99350	10.78867	142.2777

#1	-.107127	-.000008	.0052544	.0002774	.0022845	-.005023	-.000085
#2	-.049959	-.000130	.0051197	-.000103	.0052280	-.006230	-.001411
#3	-.106385	.000084	.0041862	-.000168	.0062704	-.005827	-.000106

Sample Name: CCB085 Acquired: 5/29/2018 12:43:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB085 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003657	.0011483	.0000795
Stddev	.0009094	.0000408	.0000540
%RSD	248.7017	3.553370	67.87884

#1	-.000201	.0011699	.0000304
#2	-.000117	.0011013	.0001373
#3	.001415	.0011739	.0000708

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2282.540	2417.844	60333.96	7636.250	4055.918
Stddev	74.840	22.735	1757.68	22.595	41.602
%RSD	3.278820	.9402926	2.913260	.2958958	1.025704

#1	2327.798	2421.283	61440.80	7616.325	4062.890
#2	2323.667	2438.663	61253.84	7660.800	4093.593
#3	2196.155	2393.585	58307.23	7631.625	4011.271

Sample Name: PB109541BL Acquired: 5/29/2018 12:47:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	-.000421	.0028355	.0014244	.0003095	-.000332	.0018821	.0000358
Stddev	.001032	.0018301	.0011852	.0009148	.001798	.0048003	.0003294
%RSD	245.4156	64.54197	83.20459	295.5396	542.2286	255.0510	918.7592

#1	.000641	.0022982	.0026971	.0012242	-.000850	-.000026	-.000259
#2	-.000482	.0013341	.0012237	-.000605	.001669	.007343	-.000024
#3	-.001421	.0048740	.0003524	.000310	-.001814	-.001671	.000391

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	.0000485	.0040219	-.000253	.0001876	.0016420	-.004078
Stddev	.000044	.0000559	.0035286	.000398	.0000982	.0003364	.012432
%RSD	204.8533	115.3970	87.73379	157.4620	52.33501	20.48382	304.8389

#1	-.000005	.0001036	.0064438	-.000532	.0003009	.0014824	-.017863
#2	.000012	-.000008	-.000027	-.000429	.0001350	.0014152	.006285
#3	-.000072	.000050	.005649	.000203	.0001270	.0020285	-.000657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000250	-.015905	.0001692	.0002919	-.131479	-.000014	-.000831
Stddev	.0000772	.055970	.0004478	.0001705	.048935	.002314	.005242
%RSD	308.3842	351.9027	264.7121	58.38906	37.21914	16710.26	630.7262

#1	-.000053	.012764	-.000347	.0000971	-.074975	-.000361	-.002723
#2	.000101	-.080401	.000449	.0003652	-.159412	.002454	-.004865
#3	.000027	.019923	.000406	.0004135	-.160051	-.002135	.005095

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.119546	-.000070	.0021038	.0000344	.0030839	-.005534	-.000242
Stddev	.017912	.000155	.0009478	.0001120	.0058085	.000854	.001121
%RSD	14.98293	222.3670	45.05118	325.5389	188.3483	15.43478	463.1708

#1	-.138902	.000107	.0030258	.0000741	.0083736	-.005816	-.001134
#2	-.103557	-.000184	.0021535	-.000092	-.003132	-.004574	.001016
#3	-.116179	-.000133	.0011322	.000121	.004010	-.006211	-.000608

Sample Name: PB109541BL Acquired: 5/29/2018 12:47:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	-.001837	-.000366	.0000792
Stddev	.001381	.000511	.0000282
%RSD	75.18453	139.7458	35.59556

#1	-.002161	.000189	.0000787
#2	-.003026	-.000468	.0001077
#3	-.000322	-.000818	.0000513

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2311.996	2426.825	60774.80	7626.542	4056.631
Stddev	10.778	35.974	94.85	39.178	62.888
%RSD	.4661808	1.482352	.1560598	.5137065	1.550242

#1	2312.986	2386.884	60706.54	7583.300	3988.346
#2	2322.245	2456.678	60734.75	7636.650	4112.169
#3	2300.757	2436.915	60883.09	7659.675	4069.376

Sample Name: PB109541BS Acquired: 5/29/2018 12:51:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0178396	.0522997	.0223058	.0727471	.1238680	.4089428
Stddev	.0017756	.0023043	.0011307	.0019381	.0003259	.0106271
%RSD	9.953152	4.406018	5.068877	2.664168	.2631312	2.598678

#1	.0170684	.0498980	.0210027	.0706187	.1242423	.3996228
#2	.0165800	.0544924	.0230266	.0732123	.1236468	.4066900
#3	.0198704	.0525087	.0228881	.0744102	.1237149	.4205158

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4130444	.0105224	.0102909	F 2.175217	.0210286	.1008906
Stddev	.0027638	.0002432	.0000854	.024242	.0002477	.0007189
%RSD	.6691195	2.310898	.8297757	1.114441	1.177964	.7125067

#1	.4105353	.0103386	.0101956	2.148716	.0211364	.1003948
#2	.4160068	.0104304	.0103166	2.196273	.0212040	.1005621
#3	.4125910	.0107981	.0103605	2.180661	.0207452	.1017150

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558714	.2281558	.0316785	F 1.992515	.0852457	.0192426
Stddev	.0049952	.0125817	.0010657	.047812	.0008118	.0003353
%RSD	8.940617	5.514534	3.364042	2.399592	.9523345	1.742417

#1	.0508056	.2313174	.0306649	1.944196	.0843099	.0193323
#2	.0607929	.2388553	.0315811	1.993544	.0857615	.0195238
#3	.0560158	.2142949	.0327895	2.039804	.0856656	.0188715

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.09695	.1107367	.1132355	9.636067	F .0053445	F .0235111
Stddev	.22265	.0047338	.0036422	.096737	.0003257	.0007249
%RSD	2.205112	4.274813	3.216494	1.003902	6.094613	3.083179

#1	9.92623	.1057966	.1092081	9.536385	.0052167	.0243447
#2	10.01583	.1111806	.1142002	9.729561	.0057148	.0231600
#3	10.34878	.1152329	.1162983	9.642253	.0051021	.0230287

Sample Name: PB109541BS Acquired: 5/29/2018 12:51:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0221556	.1976023	.1925220	F .0167380	.2047200	.1090296
Stddev	.0002036	.0031497	.0028320	.0007015	.0023625	.0011021
%RSD	.9190121	1.593957	1.471021	4.191047	1.154026	1.010812

#1	.0219228	.1943273	.1898588	.0159599	.2024416	.1091423
#2	.0222436	.1978700	.1922100	.0169322	.2045598	.1078755
#3	.0223004	.2006096	.1954971	.0173219	.2071585	.1100710

Elem	Sr4077
Units	ppm
Avg	.2054282
Stddev	.0010456
%RSD	.5089866

#1	.2042210
#2	.2060514
#3	.2060120

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2301.816	2412.782	60698.51	7676.056	4012.342
Stddev	13.186	20.341	165.26	66.133	33.371
%RSD	.5728554	.8430600	.2722605	.8615474	.8317067

#1	2293.299	2433.361	60668.62	7749.000	4045.915
#2	2317.004	2412.296	60550.23	7659.152	4011.934
#3	2295.144	2392.688	60876.67	7620.016	3979.177

Sample Name: J3033-01 Acquired: 5/29/2018 12:55:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0259114	.0031223	.5762114	.0106327	.0065470	41.03200	.3149308
Stddev	.0007460	.0007772	.0048944	.0017760	.0025412	.07656	.0023845
%RSD	2.879211	24.89338	.8494162	16.70327	38.81409	.1865927	.7571520

#1	.0250727	.0023723	.5709134	.0126356	.0040296	40.94741	.3132633
#2	.0261603	.0039242	.5771564	.0100125	.0065002	41.05203	.3138670
#3	.0265011	.0030702	.5805645	.0092499	.0091114	41.09656	.3176620

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046126	.0086354	106.8070	.0789868	.0208545	.1334412	51.51144
Stddev	.0003054	.0000871	.3373	.0016451	.0001277	.0030615	.08875
%RSD	6.621541	1.009145	.3158198	2.082748	.6125888	2.294240	.1722909

#1	.0042731	.0085383	106.4552	.0797228	.0207194	.1299214	51.60924
#2	.0046997	.0086609	106.8383	.0801354	.0208707	.1349169	51.48906
#3	.0048650	.0087069	107.1276	.0771022	.0209734	.1354853	51.43602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7858503	44.70187	.1002046	.0018062	1.485958	.1230191	.9724785
Stddev	.0032600	.03935	.0010600	.0005298	.074012	.0064462	.0103821
%RSD	.4148389	.0880356	1.057788	29.33023	4.980766	5.240040	1.067596

#1	.7845382	44.74602	.0993362	.0013540	1.535591	.1167568	.9646582
#2	.7834507	44.67048	.0998917	.0016755	1.400891	.1226656	.9842577
#3	.7895619	44.68911	.1013857	.0023891	1.521393	.1296348	.9685196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.393023	.3533207	.0888313	.0103416	5.430448	18.36088	.0461409
Stddev	.060722	.0017724	.0015368	.0003992	.021641	.14958	.0001672
%RSD	4.359030	.5016472	1.730065	3.859764	.3985209	.8146498	.3624395

#1	1.449237	.3512785	.0884311	.0098821	5.428251	18.23575	.0462418
#2	1.401211	.3544582	.0875341	.0105397	5.409989	18.52655	.0459479
#3	1.328623	.3542253	.0905286	.0106030	5.453105	18.32035	.0462330

Sample Name: J3033-01 Acquired: 5/29/2018 12:55:30 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7279929	.0283612	.1426617
Stddev	.0019020	.0008355	.0001252
%RSD	.2612630	2.945839	.0877630

#1	.7258134	.0274023	.1426721
#2	.7288482	.0287488	.1425317
#3	.7293171	.0289323	.1427814

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.780	2479.732	63649.19	8110.046	3839.889
Stddev	45.063	12.203	1083.19	57.666	25.660
%RSD	1.878583	.4920998	1.701813	.7110420	.6682509

#1	2369.014	2491.236	62981.54	8176.632	3858.840
#2	2376.700	2481.026	63067.05	8077.092	3850.139
#3	2450.624	2466.934	64898.98	8076.415	3810.689

Sample Name: J3033-02 Acquired: 5/29/2018 12:59:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209003	-.003090	.5700309	.0060899	-.000230	41.19756	.3170994
Stddev	.0032657	.000316	.0025533	.0015673	.001378	.56282	.0033239
%RSD	15.62500	10.21467	.4479237	25.73597	599.1203	1.366151	1.048222

#1	.0171571	-.002909	.5711146	.0042862	.000080	41.83354	.3209328
#2	.0231670	-.002907	.5671145	.0071198	-.001737	40.99540	.3153474
#3	.0223767	-.003455	.5718637	.0068637	.000967	40.76375	.3150180

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029616	.0058523	107.7354	.0787018	.0179649	.1322301	51.36110
Stddev	.0000884	.0000809	.9720	.0004002	.0002386	.0040724	.73752
%RSD	2.985641	1.382568	.9021644	.5084836	1.328125	3.079808	1.435948

#1	.0030622	.0058109	108.8482	.0784640	.0176951	.1366400	52.15670
#2	.0029266	.0058004	107.3052	.0784776	.0180518	.1286112	51.22638
#3	.0028961	.0059455	107.0528	.0791638	.0181479	.1314391	50.70024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7908326	44.77457	.0969587	.0006204	1.510791	.1218166	.9724605
Stddev	.0090708	.59636	.0001332	.0003962	.153559	.0050762	.0017269
%RSD	1.146992	1.331913	.1373702	63.86128	10.16412	4.167063	.1775816

#1	.8003050	45.44170	.0969964	.0003422	1.453327	.1219038	.9705653
#2	.7822254	44.58877	.0968107	.0004450	1.394252	.1268486	.9728708
#3	.7899674	44.29322	.0970689	.0010741	1.684794	.1166973	.9739452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.406354	.3541496	.0826516	.0029277	5.421309	18.60927	.0377074
Stddev	.010831	.0019308	.0018156	.0002642	.009638	.39974	.0005285
%RSD	.7701214	.5451987	2.196644	9.024210	.1777866	2.148093	1.401537

#1	1.417394	.3550304	.0846728	.0028316	5.430233	19.03742	.0379465
#2	1.405924	.3519354	.0821230	.0027251	5.411088	18.54455	.0371016
#3	1.395746	.3554829	.0811590	.0032265	5.422607	18.24582	.0380741

Sample Name: J3033-02 Acquired: 5/29/2018 12:59:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9L1D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7201146	.0283932	.1434072
Stddev	.0065901	.0005855	.0014049
%RSD	.9151396	2.061993	.9796782

#1	.7265947	.0288889	.1450242
#2	.7203292	.0277472	.1424860
#3	.7134198	.0285435	.1427113

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.048	2493.128	63064.38	8059.231	3867.895
Stddev	11.133	5.575	191.81	115.713	6.161
%RSD	.4697377	.2235997	.3041560	1.435778	.1592966

#1	2380.523	2487.999	63283.66	7937.612	3861.539
#2	2371.264	2499.061	62981.77	8072.124	3873.842
#3	2358.357	2492.325	62927.72	8167.958	3868.304

Sample Name: J3033-03 Acquired: 5/29/2018 13:03:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1197840	.1229364	.6095372	.1369700	.2640081	45.05169	5.819524
Stddev	.0040335	.0030784	.0040794	.0029756	.0040334	.13603	.008789
%RSD	3.367280	2.504035	.6692657	2.172446	1.527749	.3019325	.1510312

#1	.1153087	.1255139	.6049461	.1350537	.2595171	44.89735	5.821519
#2	.1209045	.1195278	.6127455	.1354583	.2673221	45.10364	5.809909
#3	.1231387	.1237673	.6109200	.1403979	.2651849	45.15409	5.827145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1386252	.1407797	104.0382	.6542886	1.388959	.8151845	52.90844
Stddev	.0019680	.0007090	.2689	.0984015	.003162	.0035707	.31816
%RSD	1.419680	.5035966	.2584997	15.03946	.2276668	.4380252	.6013492

#1	.1406519	.1404951	103.7957	.7677713	1.386835	.8133898	52.59229
#2	.1385021	.1402572	104.3275	.6024576	1.387449	.8192966	52.90443
#3	.1367217	.1415867	103.9913	.5926369	1.392593	.8128672	53.22858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.081341	43.53012	1.508993	.1251233	1.315218	1.517825	2.476928
Stddev	.005395	.21659	.001654	.0181253	.102186	.005643	.332255
%RSD	.2592092	.4975701	.1096001	14.48599	7.769520	.3717588	13.41401

#1	2.075715	43.30124	1.507391	.1460225	1.392763	1.511338	2.860249
#2	2.086471	43.55723	1.508892	.1156469	1.199426	1.521590	2.271404
#3	2.081837	43.73188	1.510694	.1137005	1.353466	1.520548	2.299130

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.339542	.3681104	.0831892	.0040738	5.366091	18.32525	.0394308
Stddev	.039032	.0012590	.0013757	.0002557	.010524	.26884	.0008570
%RSD	2.913836	.3420119	1.653708	6.276863	.1961113	1.467042	2.173423

#1	1.316062	.3691268	.0820249	.0040684	5.370423	18.61630	.0396237
#2	1.384599	.3667021	.0828355	.0043321	5.354093	18.27319	.0401749
#3	1.317965	.3685023	.0847072	.0038208	5.373757	18.08624	.0384938

Sample Name: J3033-03 Acquired: 5/29/2018 13:03:42 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9L1S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6999318	.0285227	.1391293
Stddev	.0033386	.0001272	.0004008
%RSD	.4769926	.4457814	.2880488

#1	.6961622	.0285074	.1386953
#2	.7011170	.0286569	.1394853
#3	.7025161	.0284040	.1392074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.818	2464.973	58229.57	8101.583	3834.933
Stddev	268.643	3.230	7063.90	23.432	3.775
%RSD	12.34675	.1310215	12.13113	.2892300	.0984483

#1	1865.874	2465.564	50083.83	8128.221	3837.755
#2	2319.835	2467.866	61936.47	8084.157	3836.400
#3	2341.745	2461.489	62668.42	8092.370	3830.644

Sample Name: J3033-01LX5 Acquired: 5/29/2018 13:07:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9L1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063381	-.002169	.1137074	-.000349	-.001266	8.241406	.0637335
Stddev	.0030783	.000249	.0067323	.002082	.000975	.040866	.0003697
%RSD	48.56882	11.49704	5.920725	597.2535	77.01026	.4958673	.5801252

#1	.0058314	-.001904	.1208220	-.001347	-.000198	8.216404	.0641307
#2	.0096383	-.002399	.1074371	-.001743	-.001491	8.288566	.0636704
#3	.0035445	-.002203	.1128630	.002045	-.002109	8.219248	.0633993

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006235	.0011923	21.82677	.0158549	.0030967	.0285676	10.57015
Stddev	.0000284	.0000238	.12053	.0001273	.0003005	.0032830	.09452
%RSD	4.555098	1.992177	.5522168	.8030280	9.702624	11.49219	.8942519

#1	.0006042	.0011768	21.90264	.0159964	.0033023	.0288276	10.47889
#2	.0006561	.0012196	21.88988	.0158184	.0027519	.0317128	10.66763
#3	.0006102	.0011803	21.68779	.0157498	.0032360	.0251622	10.56394

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1614946	9.001875	.0195346	.0004257	.1809864	.0225083	.1900710
Stddev	.0021947	.068521	.0007355	.0003422	.0909582	.0018789	.0029035
%RSD	1.358970	.7611834	3.765287	80.37388	50.25696	8.347774	1.527607

#1	.1636740	8.964718	.0203473	.0001827	.2753667	.0246305	.1890510
#2	.1615248	9.080949	.0189145	.0008171	.0938879	.0210566	.1933470
#3	.1592850	8.959959	.0193421	.0002774	.1737045	.0218377	.1878152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1367400	.0701740	.0158870	.0004131	1.061064	3.829800	.0068702
Stddev	.0350363	.0035150	.0010755	.0002696	.057599	.024754	.0004305
%RSD	25.62256	5.008956	6.769885	65.26423	5.428377	.6463645	6.266333

#1	.1400386	.0737425	.0155278	.0001332	1.126096	3.849280	.0066881
#2	.1700104	.0667150	.0170961	.0006711	1.016477	3.838175	.0065606
#3	.1001711	.0700644	.0150370	.0004351	1.040619	3.801944	.0073618

Sample Name: J3033-01LX5 Acquired: 5/29/2018 13:07:43 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9L1L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1452529	.0050846	.0290633
Stddev	.0020563	.0005744	.0000733
%RSD	1.415699	11.29674	.2523006

#1	.1473276	.0047220	.0290569
#2	.1432154	.0057468	.0291396
#3	.1452159	.0047848	.0289933

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2354.438	2438.289	62159.52	7750.658	4010.504
Stddev	4.831	106.771	123.39	33.910	187.327
%RSD	.2051964	4.378922	.1985012	.4375147	4.670921

#1	2348.985	2320.928	62297.68	7722.625	3805.754
#2	2358.186	2529.677	62060.31	7741.000	4173.291
#3	2356.143	2464.260	62120.57	7788.350	4052.468

Sample Name: PB109637BL Acquired: 5/29/2018 13:11:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	-.002839	-.000493	.0003877	-.001063	-.000018	-.007612	-.000542
Stddev	.003413	.002191	.0013998	.003402	.001281	.005470	.000613
%RSD	120.2245	444.4805	361.0581	319.9014	7209.889	71.86769	112.9637

#1	-.006646	-.002046	-.000059	-.004990	-.001489	-.011849	-.000906
#2	-.000054	.002013	-.000734	.000989	.000586	-.009550	-.000886
#3	-.001817	-.001446	.001956	.000811	.000849	-.001436	.000165

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	.0000394	.0051360	-.000177	.0001312	.0005855	.0068474
Stddev	.000029	.0000713	.0078240	.000145	.0001231	.0017431	.0045338
%RSD	185.2728	180.7247	152.3370	82.08365	93.79302	297.6972	66.21157

#1	.000005	.0000224	-.001884	-.000194	.0001277	.0023588	.0018565
#2	-.000003	.0001177	.013571	-.000313	.0000100	-.001126	.0079741
#3	-.000048	-.000022	.003721	-.000024	.0002561	.000523	.0107116

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001094	-.019374	-.000002	.0006228	.0406836	.0042280	-.002212
Stddev	.0006919	.054819	.000410	.0000922	.2297691	.0028456	.006655
%RSD	632.4649	282.9479	16414.51	14.79939	564.7713	67.30492	300.8077

#1	.0004408	.040541	.000414	.0005680	-.075716	.0056964	-.009890
#2	.0005732	-.031647	-.000018	.0005711	-.107592	.0060394	.001905
#3	-.000686	-.067017	-.000404	.0007292	.305359	.0009481	.001348

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.125561	-.000453	-.002198	-.000091	.0127540	-.002812	.0001093
Stddev	.008024	.000399	.000651	.000131	.0035852	.001202	.0010174
%RSD	6.390200	87.95662	29.59318	143.9354	28.11013	42.74530	930.8790

#1	-.117836	.000007	-.002923	-.000225	.0129179	-.001951	-.000235
#2	-.124995	-.000684	-.001665	-.000085	.0090897	-.004185	.001254
#3	-.133853	-.000684	-.002007	.000037	.0162544	-.002299	-.000691

Sample Name: PB109637BL Acquired: 5/29/2018 13:11:50 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	-.001261	-.001206	.0001009
Stddev	.000064	.000881	.0000188
%RSD	5.056553	73.07227	18.59330

#1	-.001243	-.001777	.0000793
#2	-.001208	-.001648	.0001106
#3	-.001332	-.000191	.0001129

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2333.418	2437.880	61429.62	7673.025	4081.077
Stddev	4.203	25.257	86.49	65.498	43.408
%RSD	.1801245	1.036022	.1407872	.8536190	1.063630

#1	2329.377	2449.986	61344.69	7743.025	4109.468
#2	2333.109	2454.806	61517.58	7613.225	4102.655
#3	2337.767	2408.849	61426.58	7662.825	4031.109

Sample Name: PB109637BS Acquired: 5/29/2018 13:15:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0158682	.0444732	.0204053	.0606983	.1118512	.3828152
Stddev	.0016646	.0019558	.0013789	.0017174	.0016378	.0055454
%RSD	10.49006	4.397593	6.757682	2.829424	1.464249	1.448579

#1	.0175939	.0448381	.0188157	.0588782	.1134817	.3858710
#2	.0142724	.0462209	.0212800	.0609263	.1102063	.3861605
#3	.0157383	.0423608	.0211202	.0622902	.1118656	.3764142

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3870229	.0093451	.0092783	9.875599	.0197208	.0918536
Stddev	.0017154	.0000712	.0001400	.063844	.0002911	.0001293
%RSD	.4432339	.7623573	1.508447	.6464830	1.476237	.1407242

#1	.3856096	.0093428	.0094005	9.807699	.0196646	.0917045
#2	.3889314	.0092751	.0091256	9.934413	.0200360	.0919218
#3	.3865276	.0094175	.0093089	9.884686	.0194619	.0919345

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0502132	.2450485	.0314407	9.196588	.0784156	.0163542
Stddev	.0003311	.0146733	.0003225	.130749	.0002831	.0003839
%RSD	.6594463	5.987911	1.025764	1.421713	.3610074	2.347382

#1	.0498345	.2284564	.0316555	9.055688	.0783543	.0160452
#2	.0504484	.2503727	.0310699	9.314003	.0781681	.0167839
#3	.0503567	.2563163	.0315968	9.220073	.0787243	.0162334

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.283300	.1049617	.1217835	7.829723	F .0052050	F .0148410
Stddev	.202174	.0034820	.0051444	.075994	.0003255	.0009472
%RSD	2.177822	3.317399	4.224220	.9705786	6.254303	6.382264

#1	9.195258	.1082323	.1175871	7.742487	.0052526	.0137949
#2	9.140076	.1053517	.1275228	7.865130	.0048583	.0156405
#3	9.514566	.1013012	.1202407	7.881553	.0055041	.0150876

Sample Name: PB109637BS Acquired: 5/29/2018 13:15:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0199443	.1645101	.1778225	F .0136276	.1933418	.0870685
Stddev	.0002320	.0067960	.0012455	.0005756	.0016840	.0007073
%RSD	1.162982	4.131067	.7004087	4.223633	.8710154	.8123235

#1	.0197363	.1569148	.1774007	.0130753	.1921775	.0864912
#2	.0199022	.1700165	.1792241	.0135835	.1925751	.0878574
#3	.0201944	.1665989	.1768427	.0142239	.1952727	.0868568

Elem	Sr4077
Units	ppm
Avg	.1913703
Stddev	.0006947
%RSD	.3629986

#1	.1905803
#2	.1918857
#3	.1916449

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2310.655	2441.833	61385.18	7778.435	4079.535
Stddev	3.717	8.156	49.26	23.170	7.185
%RSD	.1608654	.3340109	.0802411	.2978737	.1761185

#1	2306.575	2441.812	61358.85	7801.778	4078.852
#2	2313.850	2449.999	61354.68	7778.085	4087.036
#3	2311.539	2433.687	61442.00	7755.442	4072.715

Sample Name: J3028-17 Acquired: 5/29/2018 13:20:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1584583	-.005822	1.701700	.0332349	.0294039	140.8492
Stddev	.0037493	.001784	.015750	.0036782	.0028008	.3088
%RSD	2.366079	30.63432	.9255726	11.06731	9.525122	.2192140

#1	.1569095	-.003886	1.684014	.0293810	.0291920	141.2037
#2	.1627338	-.006182	1.706874	.0336161	.0267151	140.7049
#3	.1557315	-.007398	1.714213	.0367077	.0323046	140.6390

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.223973	.0279530	.0084440	36.63483	.7422794	.3556324
Stddev	.006852	.0003627	.0002150	.12006	.0024379	.0033673
%RSD	.3081078	1.297370	2.546100	.3277316	.3284388	.9468532

#1	2.230481	.0276899	.0082731	36.63767	.7440110	.3521093
#2	2.224615	.0283667	.0083734	36.75344	.7433359	.3559692
#3	2.216822	.0278025	.0086854	36.51337	.7394915	.3588186

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1978699	735.3665	F 37.73453	8.258082	.1725774	-.009090
Stddev	.0019535	1.3233	.08616	.011225	.0024305	.000463
%RSD	.9872688	.1799484	.2283347	.1359246	1.408337	5.093576

#1	.1975848	736.2741	37.70529	8.245121	.1699547	-.009220
#2	.1999503	733.8482	37.66680	8.264518	.1747538	-.009475
#3	.1960746	735.9773	37.83151	8.264607	.1730238	-.008576

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.470014	.8944119	1.815639	5.167180	.8434514	.7621533
Stddev	.132083	.0013548	.021445	.041307	.0050867	.0119326
%RSD	5.347479	.1514720	1.181104	.7994093	.6030803	1.565642

#1	2.319062	.8945691	1.835294	5.173832	.8378767	.7750227
#2	2.526614	.8956812	1.792768	5.122952	.8446368	.7514560
#3	2.564365	.8929854	1.818854	5.204758	.8478408	.7599810

Sample Name: J3028-17 Acquired: 5/29/2018 13:20:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEF5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110832	2.439003	5.126889	.0432298	.9860537	.0612371
Stddev	.0003902	.017595	.035351	.0024569	.0028724	.0007055
%RSD	3.520172	.7213931	.6895241	5.683417	.2912984	1.152168

#1	.0110786	2.420213	5.086253	.0433757	.9829841	.0620319
#2	.0114756	2.441704	5.150562	.0456106	.9886765	.0609948
#3	.0106954	2.455091	5.143851	.0407033	.9865006	.0606847

Elem	Sr4077
Units	ppm
Avg	.1419677
Stddev	.0003073
%RSD	.2164511

#1	.1423082
#2	.1417109
#3	.1418840

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2741.293	2868.669	73326.63	9432.731	3715.551
Stddev	7.700	20.146	236.54	42.506	32.661
%RSD	.2808831	.7022734	.3225883	.4506214	.8790393

#1	2732.411	2890.558	73053.54	9478.050	3751.824
#2	2745.406	2864.544	73467.47	9426.393	3706.357
#3	2746.063	2850.904	73458.89	9393.750	3688.472

Sample Name: J3028-18 Acquired: 5/29/2018 13:24:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1566855	-.010250	1.690017	.0329859	.0300915	140.4295
Stddev	.0027990	.002660	.006959	.0055152	.0017109	.1549
%RSD	1.786349	25.94913	.4117943	16.71979	5.685640	.1103069

#1	.1570596	-.007743	1.692559	.0267036	.0320354	140.2592
#2	.1537183	-.013040	1.682143	.0370309	.0294249	140.4672
#3	.1592785	-.009967	1.695347	.0352232	.0288143	140.5621

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.229126	.0275357	.0088847	35.92507	.7427062	.3543427
Stddev	.000883	.0001991	.0004154	.05090	.0002987	.0007304
%RSD	.0396073	.7231353	4.675880	.1416867	.0402130	.2061147

#1	2.228906	.0273869	.0088064	35.92753	.7423688	.3545308
#2	2.230098	.0274582	.0085140	35.97469	.7429365	.3535368
#3	2.228374	.0277619	.0093338	35.87298	.7428134	.3549607

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1953176	724.8898	F 37.34111	8.162506	.1708214	-.011061
Stddev	.0042358	2.8308	.17232	.075663	.0012378	.000219
%RSD	2.168687	.3905099	.4614746	.9269636	.7246258	1.982805

#1	.1920490	722.3047	37.44689	8.087191	.1711968	-.011157
#2	.1938008	727.9148	37.14227	8.238513	.1694393	-.010810
#3	.2001030	724.4499	37.43417	8.161815	.1718281	-.011215

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.495347	.8913742	1.827870	5.114972	.8410605	.7537224
Stddev	.086219	.0036913	.010556	.028414	.0028365	.0113350
%RSD	3.455171	.4141128	.5774858	.5555034	.3372488	1.503873

#1	2.489025	.8875931	1.839855	5.128144	.8395662	.7448722
#2	2.584553	.8949686	1.823799	5.082362	.8392836	.7664984
#3	2.412464	.8915609	1.819956	5.134409	.8443317	.7497966

Sample Name: J3028-18 Acquired: 5/29/2018 13:24:01 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE5D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115621	2.428286	5.094745	.0422847	.9780879	.0607821
Stddev	.0002089	.009376	.028460	.0020064	.0043696	.0006286
%RSD	1.806565	.3861088	.5586091	4.745006	.4467463	1.034237

#1	.0113229	2.427668	5.091319	.0445993	.9819284	.0601951
#2	.0116555	2.419235	5.068153	.0412147	.9790016	.0607058
#3	.0117080	2.437956	5.124762	.0410401	.9733338	.0614454

Elem	Sr4077
Units	ppm
Avg	.1415639
Stddev	.0002264
%RSD	.1599334

#1	.1417067
#2	.1413028
#3	.1416822

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.106	2821.459	72504.06	9431.569	3667.968
Stddev	9.616	6.452	125.04	39.146	6.676
%RSD	.3583739	.2286879	.1724541	.4150575	.1820183

#1	2672.546	2827.022	72428.74	9430.522	3668.779
#2	2691.357	2822.969	72435.04	9471.229	3674.202
#3	2685.415	2814.385	72648.39	9392.957	3660.923

Sample Name: J3028-19 Acquired: 5/29/2018 13:27:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2223168	.0620865	1.507528	.0490857	.0878024	162.4885
Stddev	.0027742	.0024097	.004420	.0052210	.0018593	2.5239
%RSD	1.247848	3.881228	.2931888	10.63661	2.117536	1.553306

#1	.2206205	.0648150	1.502750	.0506623	.0898096	164.1393
#2	.2255183	.0602498	1.511470	.0533367	.0861391	163.7430
#3	.2208117	.0611946	1.508365	.0432580	.0874586	159.5831

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.287497	.1048535	.1058476	32.60063	1.043550	1.253816
Stddev	.081210	.0022010	.0003967	.46244	.028569	.002830
%RSD	1.535884	2.099124	.3748099	1.418493	2.737698	.2257312

#1	5.344975	.1061849	.1055823	32.89182	1.058671	1.254068
#2	5.322924	.1060627	.1056567	32.84267	1.061382	1.250869
#3	5.194592	.1023130	.1063036	32.06741	1.010598	1.256512

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6233640	779.8613	F 31.15962	8.819656	1.161226	.0574832
Stddev	.0090719	12.1896	.51789	.157607	.003711	.0006151
%RSD	1.455314	1.563050	1.662062	1.786993	.3195766	1.070080

#1	.6302932	788.3309	31.44722	8.912072	1.164402	.0581113
#2	.6267029	785.3624	31.46988	8.909221	1.157147	.0574564
#3	.6130958	765.8907	30.56175	8.637675	1.162130	.0568819

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.727634	1.784681	2.534151	5.915941	.8539124	.8144442
Stddev	.141621	.027582	.053002	.066486	.0030413	.0076222
%RSD	5.192066	1.545471	2.091508	1.123839	.3561587	.9358742

#1	2.773956	1.801719	2.584086	5.930138	.8523385	.8210116
#2	2.840293	1.799466	2.539827	5.974181	.8519806	.8162350
#3	2.568653	1.752859	2.478539	5.843503	.8574181	.8060861

Sample Name: J3028-19 Acquired: 5/29/2018 13:27:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEF5S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110208	2.276082	6.002505	.0289285	1.181422	.0665256
Stddev	.0002480	.017812	.114855	.0014503	.022482	.0014671
%RSD	2.250377	.7825918	1.913444	5.013357	1.902991	2.205346

#1	.0109203	2.284310	6.069222	.0291746	1.196177	.0673918
#2	.0113033	2.255642	6.068410	.0273709	1.192544	.0673533
#3	.0108388	2.288292	5.869883	.0302400	1.155547	.0648317

Elem	Sr4077
Units	ppm
Avg	.1331154
Stddev	.0020145
%RSD	1.513373

#1	.1342623
#2	.1342947
#3	.1307893

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2677.073	2788.579	72443.32	9397.854	3622.905
Stddev	49.838	6.327	1500.75	131.064	8.803
%RSD	1.861650	.2269052	2.071626	1.394615	.2429907

#1	2651.499	2789.053	71801.52	9336.423	3617.708
#2	2645.214	2794.655	71370.18	9308.788	3633.069
#3	2734.506	2782.027	74158.25	9548.350	3617.937

Sample Name: J3028-17LX5 Acquired: 5/29/2018 13:31:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0442097	.0018640	.3613247	.0096511	.0059518	32.04061	.5098052
Stddev	.0021247	.0022104	.0016965	.0046368	.0006616	.78971	.0126083
%RSD	4.805857	118.5860	.4695164	48.04500	11.11539	2.464728	2.473166

#1	.0441932	.0009908	.3622067	.0052453	.0054646	31.17389	.4955801
#2	.0420933	.0002235	.3593689	.0092191	.0056859	32.22855	.5142337
#3	.0463425	.0043776	.3623985	.0144888	.0067050	32.71940	.5196019

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066980	.0010188	8.641667	.1777479	.0718163	.0475971	165.0147
Stddev	.0002338	.0000960	.222594	.0006303	.0002599	.0018739	4.3019
%RSD	3.491213	9.423345	2.575826	.3546119	.3618316	3.936908	2.606962

#1	.0064635	.0011282	8.395288	.1776492	.0719876	.0463516	160.3295
#2	.0066994	.0009790	8.701442	.1784218	.0719440	.0466875	165.9281
#3	.0069312	.0009490	8.828271	.1771728	.0715173	.0497521	168.7866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.301931	1.964195	.0352632	-.003194	.5316621	.2052967	.4225902
Stddev	.203021	.101269	.0002188	.000349	.0310081	.0072883	.0056952
%RSD	2.445464	5.155734	.6205085	10.92346	5.832301	3.550124	1.347696

#1	8.069866	1.879096	.0355157	-.003534	.5367241	.1984573	.4267229
#2	8.389213	1.937289	.0351440	-.003211	.4984345	.2044696	.4160937
#3	8.446715	2.076199	.0351298	-.002836	.5598278	.2129633	.4249540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9998249	.1714282	.1578338	.0024629	.5056651	1.240042	.0096541
Stddev	.0531459	.0011251	.0065902	.0002550	.0019372	.029775	.0006457
%RSD	5.315516	.6562991	4.175386	10.35395	.3831001	2.401124	6.688137

#1	.9459263	.1725379	.1504656	.0023149	.5064994	1.213042	.0092348
#2	1.001364	.1702884	.1598709	.0027574	.5034505	1.235108	.0103977
#3	1.052185	.1714582	.1631648	.0023165	.5070453	1.271975	.0093299

Sample Name: J3028-17LX5 Acquired: 5/29/2018 13:31:53 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEF5L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2258754	.0128518	.0332348
Stddev	.0054329	.0007547	.0008890
%RSD	2.405241	5.872488	2.675070

#1	.2204975	.0121966	.0322098
#2	.2257671	.0136770	.0336968
#3	.2313616	.0126818	.0337977

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2404.090	2527.512	63811.77	8231.556	3962.983
Stddev	12.855	8.183	197.40	157.573	11.042
%RSD	.5347215	.3237407	.3093453	1.914259	.2786343

#1	2389.246	2518.229	63663.85	8387.128	3950.337
#2	2411.435	2530.629	63735.53	8235.485	3970.716
#3	2411.587	2533.678	64035.91	8072.055	3967.897

Sample Name: J3028-20 Acquired: 5/29/2018 13:35:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1482514	-.006739	1.637323	.0246709	.0518689	134.8705	5.927486
Stddev	.0028348	.005030	.003013	.0035852	.0034446	1.7916	.074486
%RSD	1.912168	74.64199	.1840040	14.53196	6.640934	1.328408	1.256622

#1	.1477426	-.008624	1.639251	.0222612	.0490569	136.7875	6.000289
#2	.1513062	-.010555	1.638867	.0229606	.0557110	133.2385	5.851424
#3	.1457055	-.001039	1.633852	.0287910	.0508388	134.5854	5.930745

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210707	.0124405	73.58180	.4575791	.2052200	3.667955	544.9728
Stddev	.0001534	.0003294	.67144	.0025858	.0003895	.046555	6.4925
%RSD	.7282008	2.647708	.9125120	.5651015	.1898160	1.269241	1.191346

#1	.0209836	.0120884	74.26773	.4575079	.2054272	3.715798	552.2160
#2	.0209807	.0127411	72.92584	.4550296	.2054621	3.622805	539.6766
#3	.0212479	.0124920	73.55183	.4601997	.2047706	3.665260	543.0258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.65238	17.49221	.3032959	-.006677	2.058789	.6300835	3.384147
Stddev	.22690	.16048	.0027262	.000677	.085053	.0018289	.049009
%RSD	.9203780	.9174369	.8988411	10.14472	4.131222	.2902598	1.448208

#1	24.89742	17.65837	.3059535	-.005996	2.106143	.6315735	3.418895
#2	24.44957	17.33808	.3034281	-.006685	1.960599	.6280425	3.328090
#3	24.61014	17.48019	.3005060	-.007351	2.109625	.6306345	3.405455

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.151342	1.371536	.5793964	.0088339	4.886497	12.16353	.0638703
Stddev	.112945	.007216	.0128730	.0000452	.024943	.07828	.0008001
%RSD	1.385595	.5261020	2.221795	.5120074	.5104559	.6435377	1.252653

#1	8.248431	1.364838	.5922269	.0087946	4.857748	12.21680	.0630287
#2	8.027387	1.379176	.5664813	.0088833	4.902395	12.07366	.0646211
#3	8.178209	1.370594	.5794810	.0088237	4.899347	12.20014	.0639611

Sample Name: J3028-20 Acquired: 5/29/2018 13:35:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEF6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.129822	.0678497	.2336655
Stddev	.011814	.0008830	.0025626
%RSD	1.045627	1.301376	1.096689

#1	1.141142	.0685807	.2364260
#2	1.117570	.0668687	.2313623
#3	1.130753	.0680998	.2332083

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.380	2777.921	71741.63	9284.568	3669.311
Stddev	29.553	10.804	448.77	85.781	8.427
%RSD	1.107520	.3889133	.6255380	.9239111	.2296565

#1	2659.961	2782.975	71464.49	9204.862	3667.172
#2	2701.229	2765.517	72259.39	9375.349	3662.160
#3	2643.951	2785.272	71501.00	9273.492	3678.601

Sample Name: J3028-21 Acquired: 5/29/2018 13:39:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1778644	-.007254	.8477640	.0285081	.0170594	130.8096
Stddev	.0051850	.003868	.0202029	.0047853	.0010204	.6472
%RSD	2.915149	53.31674	2.383085	16.78575	5.981349	.4947375

#1	.1725630	-.006767	.8343270	.0265627	.0173330	131.1123
#2	.1781056	-.003653	.8379676	.0339598	.0159301	131.2499
#3	.1829246	-.011343	.8709974	.0250020	.0179150	130.0666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.829466	.0267315	.0048666	18.93465	.8077035	.3633179
Stddev	.004656	.0000823	.0011878	.09913	.0016888	.0080057
%RSD	.1645545	.3078476	24.40815	.5235220	.2090876	2.203501

#1	2.834790	.0267616	.0041848	18.90223	.8079419	.3584494
#2	2.827452	.0267945	.0041768	19.04592	.8092605	.3589467
#3	2.826156	.0266384	.0062382	18.85578	.8059082	.3725577

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2309064	735.2939	F 42.52200	5.561987	.1582982	-.009895
Stddev	.0025814	5.5192	.18849	.073910	.0041738	.000328
%RSD	1.117938	.7506132	.4432734	1.328849	2.636685	3.314984

#1	.2300267	736.2740	42.60396	5.559065	.1564325	-.009519
#2	.2288799	740.2573	42.30641	5.637315	.1553826	-.010044
#3	.2338127	729.3502	42.65564	5.489581	.1630794	-.010122

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.315630	.9375535	.6894989	3.160932	.6976580	.7530652
Stddev	.127335	.0140775	.0060598	.042531	.0190577	.0189265
%RSD	5.498957	1.501520	.8788644	1.345526	2.731662	2.513258

#1	2.287283	.9340980	.6948882	3.208697	.6883678	.7468969
#2	2.204857	.9530371	.6829394	3.146939	.6850270	.7743064
#3	2.454750	.9255254	.6906692	3.127160	.7195792	.7379924

Sample Name: J3028-21 Acquired: 5/29/2018 13:39:55 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113479	1.222524	4.889644	.0084859	.9783848	.0480620
Stddev	.0005488	.040764	.033795	.0026539	.0063035	.0009499
%RSD	4.836150	3.334401	.6911647	31.27390	.6442732	1.976382

#1	.0107553	1.196968	4.921763	.0072751	.9832478	.0478645
#2	.0118386	1.201071	4.854390	.0066534	.9806433	.0472264
#3	.0114498	1.269535	4.892779	.0115293	.9712632	.0490951

Elem	Sr4077
Units	ppm
Avg	.1127172
Stddev	.0002898
%RSD	.2571306

#1	.1130122
#2	.1124328
#3	.1127065

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.679	2793.276	72285.50	9341.555	3672.496
Stddev	2.734	45.259	103.14	28.325	72.180
%RSD	.1016863	1.620271	.1426900	.3032158	1.965425

#1	2689.361	2817.799	72394.41	9309.840	3709.007
#2	2685.669	2820.980	72189.31	9350.488	3719.126
#3	2691.008	2741.048	72272.77	9364.336	3589.354

Sample Name: J3028-22 Acquired: 5/29/2018 13:43:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1542391	-.010173	1.314828	.0266312	.0157463	137.5965	5.113271
Stddev	.0034662	.003916	.005707	.0010290	.0023806	.3042	.012184
%RSD	2.247319	38.49354	.4340514	3.863851	15.11855	.2210505	.2382813

#1	.1521334	-.014676	1.320733	.0277978	.0167497	137.5229	5.105934
#2	.1582397	-.008273	1.309343	.0262429	.0130283	137.9307	5.127335
#3	.1523442	-.007569	1.314408	.0258529	.0174610	137.3359	5.106543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230032	.0085648	35.34553	.5316719	.2446245	.9366364	551.5940
Stddev	.0005720	.0001476	.11058	.0773225	.0009870	.0004600	1.1201
%RSD	2.486501	1.723845	.3128599	14.54327	.4034846	.0491168	.2030659

#1	.0229621	.0087158	35.21904	.5041471	.2453792	.9371390	552.8360
#2	.0235946	.0084208	35.39368	.6189908	.2435075	.9365342	551.2855
#3	.0224529	.0085578	35.42387	.4718779	.2449867	.9362361	550.6605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.11832	9.619056	.1573470	-.010081	1.809339	.6764259	2.422871
Stddev	.05316	.050788	.0007631	.008074	.257449	.0040064	.281831
%RSD	.1960468	.5279898	.4849843	80.09308	14.22888	.5922922	11.63210

#1	27.07840	9.668109	.1580922	-.006681	1.521413	.6783811	2.335459
#2	27.17867	9.622364	.1565672	-.019299	1.889240	.6790793	2.738051
#3	27.09790	9.566695	.1573815	-.004263	2.017363	.6718173	2.195103

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.517121	.8752931	.5581456	.0094612	2.683101	5.422105	.0403444
Stddev	.073566	.0017427	.0229824	.0002193	.010575	.119132	.0008352
%RSD	1.128818	.1990974	4.117642	2.318181	.3941394	2.197158	2.070049

#1	6.580364	.8771868	.5666927	.0096557	2.692224	5.375659	.0412650
#2	6.534614	.8737569	.5321142	.0095046	2.671510	5.557465	.0401327
#3	6.436385	.8749355	.5756299	.0092235	2.685569	5.333193	.0396354

Sample Name: J3028-22 Acquired: 5/29/2018 13:43:54 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATEF8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8177908	.0602444	.1479738
Stddev	.0015355	.0009900	.0006733
%RSD	.1877585	1.643378	.4550367

#1	.8182493	.0594609	.1475093
#2	.8160783	.0613571	.1487460
#3	.8190448	.0599153	.1476662

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2662.802	2867.572	71351.49	9586.396	3723.055
Stddev	265.096	10.926	7250.48	36.495	15.976
%RSD	9.955518	.3810307	10.16163	.3806943	.4291036

#1	2749.425	2854.957	73608.20	9580.250	3704.816
#2	2365.231	2874.068	63241.03	9553.365	3734.569
#3	2873.751	2873.691	77205.25	9625.574	3729.780

Sample Name: J3027-01 Acquired: 5/29/2018 13:47:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1959512	-.019317	1.733587	.0415829	.0239788	156.5369
Stddev	.0092036	.004273	.013927	.0045540	.0025426	5.1369
%RSD	4.696881	22.12120	.8033454	10.95167	10.60363	3.281567

#1	.1930636	-.020244	1.718492	.0463883	.0258671	153.7262
#2	.1885378	-.023049	1.736332	.0373308	.0210877	153.4188
#3	.2062524	-.014656	1.745937	.0410297	.0249817	162.4658

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.326047	.0308927	.0110874	55.97712	.7362321	.3421673
Stddev	.107794	.0011895	.0006879	1.86383	.0096454	.0020995
%RSD	3.240899	3.850483	6.204412	3.329628	1.310103	.6135803

#1	3.261646	.0303321	.0113891	54.72805	.7304865	.3409369
#2	3.266005	.0300870	.0115729	55.08386	.7308421	.3409734
#3	3.450492	.0322589	.0103002	58.11946	.7473678	.3445914

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4891715	F 880.5909	F 38.15097	13.54716	.1774848	-.011935
Stddev	.0162028	28.0566	1.57106	.48002	.0013774	.001827
%RSD	3.312297	3.186114	4.118012	3.543337	.7760432	15.30879

#1	.4804224	864.5134	37.40863	13.33012	.1759909	-.013392
#2	.4792239	864.2718	37.08863	13.21398	.1787043	-.012530
#3	.5078681	912.9876	39.95564	14.09737	.1777592	-.009885

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.446321	1.089145	3.071448	6.777777	1.233414	.9152993
Stddev	.176929	.034437	.024394	.236816	.005978	.0119044
%RSD	5.133846	3.161863	.7942258	3.494005	.4846323	1.300597

#1	3.488570	1.075984	3.066739	6.680736	1.227038	.9082492
#2	3.252093	1.063229	3.049751	6.604894	1.234311	.9086049
#3	3.598301	1.128222	3.097853	7.047699	1.238892	.9290437

Sample Name: J3027-01 Acquired: 5/29/2018 13:47:52 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATEF9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103234	4.188674	14.39471	.0252606	1.539333	.0800029
Stddev	.0003526	.030040	.52443	.0008445	.049693	.0029463
%RSD	3.416050	.7171688	3.643210	3.343271	3.228238	3.682700

#1	.0107304	4.157048	14.09958	.0255247	1.511485	.0774308
#2	.0101317	4.192149	14.08434	.0259416	1.509809	.0793607
#3	.0101081	4.216826	15.00020	.0243156	1.596706	.0832174

Elem	Sr4077
Units	ppm
Avg	.2601970
Stddev	.0086913
%RSD	3.340284

#1	.2557644
#2	.2546157
#3	.2702110

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2657.843	2826.781	71701.08	9345.030	3668.977
Stddev	27.882	14.015	763.80	272.552	17.465
%RSD	1.049027	.4958078	1.065256	2.916545	.4760135

#1	2669.983	2840.045	72058.35	9482.578	3687.345
#2	2677.596	2828.177	72220.77	9521.398	3667.003
#3	2625.950	2812.119	70824.12	9031.113	3652.584

Sample Name: J3027-02 Acquired: 5/29/2018 13:51:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2060116	-.020836	1.033408	.0405318	.0240866	165.6085
Stddev	.0052081	.005684	.006019	.0027839	.0019387	1.7138
%RSD	2.528047	27.28103	.5824758	6.868365	8.048959	1.034866

#1	.2021283	-.015397	1.027025	.0437072	.0221171	167.0043
#2	.2119299	-.020374	1.034217	.0385110	.0259930	163.6957
#3	.2039764	-.026738	1.038982	.0393773	.0241498	166.1255

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.963600	.0294514	.0072371	35.10610	.8426158	.4275819
Stddev	.017498	.0003511	.0002300	.50655	.0009303	.0015289
%RSD	.8911031	1.192213	3.178018	1.442917	.1104025	.3575790

#1	1.978940	.0298241	.0069723	35.52152	.8434860	.4261193
#2	1.944542	.0291269	.0073864	34.54179	.8427260	.4274570
#3	1.967317	.0294031	.0073527	35.25499	.8416353	.4291695

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2127901	F 908.6911	F 38.37544	6.134905	.1714589	-.014424
Stddev	.0029243	9.1608	.20864	.064221	.0014839	.000409
%RSD	1.374272	1.008134	.5436841	1.046821	.8654321	2.835697

#1	.2095170	912.9173	38.56183	6.175517	.1719517	-.014131
#2	.2151455	898.1800	38.15005	6.060864	.1697913	-.014891
#3	.2137078	914.9758	38.41444	6.168333	.1726336	-.014249

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.158809	1.196703	1.250398	4.155282	1.064969	.9400527
Stddev	.120929	.013915	.009903	.105321	.005250	.0228627
%RSD	3.828297	1.162785	.7919698	2.534626	.4929622	2.432068

#1	3.194544	1.200906	1.238976	4.228578	1.068545	.9310199
#2	3.257844	1.181171	1.255643	4.034591	1.058942	.9230863
#3	3.024041	1.208033	1.256575	4.202678	1.067420	.9660519

Sample Name: J3027-02 Acquired: 5/29/2018 13:51:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139708	1.552153	12.21423	.0163407	1.322782	.0629218
Stddev	.0005782	.022732	.13478	.0006490	.011587	.0006512
%RSD	4.138974	1.464519	1.103469	3.971366	.8759644	1.034972

#1	.0133616	1.549532	12.35220	.0165664	1.331023	.0629497
#2	.0145121	1.530845	12.08288	.0168466	1.309533	.0622571
#3	.0140387	1.576081	12.20759	.0156090	1.327790	.0635586

Elem	Sr4077
Units	ppm
Avg	.2215326
Stddev	.0016604
%RSD	.7495232

#1	.2228115
#2	.2196560
#3	.2221301

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2673.756	2812.142	72082.05	9427.629	3662.055
Stddev	6.677	11.107	51.19	89.713	15.799
%RSD	.2497360	.3949726	.0710109	.9516013	.4314304

#1	2675.843	2804.973	72048.55	9347.089	3664.095
#2	2666.285	2824.937	72140.97	9524.322	3676.735
#3	2679.141	2806.517	72056.63	9411.477	3645.334

Sample Name: J3027-03 Acquired: 5/29/2018 13:55:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1710639	-.013701	1.271352	.0358238	.0196886	155.2575
Stddev	.0030743	.002056	.041113	.0011536	.0024014	.8794
%RSD	1.797140	15.00918	3.233803	3.220111	12.19708	.5664354

#1	.1707980	-.015625	1.318800	.0370215	.0221748	154.2438
#2	.1742624	-.011534	1.248964	.0347201	.0195091	155.8163
#3	.1681312	-.013944	1.246291	.0357298	.0173820	155.7124

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.473142	.0286658	.0086276	49.44167	.7656114	.3249297
Stddev	.014120	.0003650	.0013334	.21003	.0034586	.0106963
%RSD	.5709471	1.273286	15.45558	.4247946	.4517426	3.291879

#1	2.457323	.0288728	.0101606	49.23960	.7694659	.3372807
#2	2.477632	.0282444	.0077369	49.42656	.7627791	.3187895
#3	2.484472	.0288803	.0079853	49.65884	.7645894	.3187190

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2260734	776.0247	F 37.63201	8.114867	.1815040	-.012590
Stddev	.0029967	7.7746	.23072	.069609	.0066776	.000689
%RSD	1.325526	1.001846	.6130888	.8577919	3.679017	5.473461

#1	.2228916	768.3098	37.50052	8.036928	.1892015	-.013376
#2	.2288421	783.8576	37.49710	8.170851	.1780442	-.012089
#3	.2264866	775.9067	37.89842	8.136821	.1772664	-.012305

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.792869	.9942798	1.645606	4.479559	.9204744	.8023818
Stddev	.107673	.0122604	.016237	.006524	.0312939	.0263813
%RSD	3.855297	1.233097	.9866660	.1456332	3.399758	3.287869

#1	2.864416	.9801249	1.633387	4.473055	.9559256	.7813391
#2	2.669037	1.001141	1.664030	4.479522	.8966896	.8319786
#3	2.845154	1.001573	1.639401	4.486102	.9088078	.7938275

Sample Name: J3027-03 Acquired: 5/29/2018 13:55:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118835	2.398750	12.84382	.0198168	1.303202	.0680992
Stddev	.0005188	.094508	.09197	.0008916	.009113	.0001929
%RSD	4.365748	3.939879	.7160313	4.499370	.6992446	.2832334

#1	.0124758	2.506659	12.90683	.0207351	1.292693	.0682812
#2	.0115097	2.330711	12.73829	.0197609	1.308917	.0678970
#3	.0116650	2.358879	12.88634	.0189545	1.307996	.0681193

Elem	Sr4077
Units	ppm
Avg	.1935710
Stddev	.0005613
%RSD	.2899678

#1	.1929261
#2	.1939499
#3	.1938368

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2699.169	2798.484	72578.94	9534.932	3605.546
Stddev	14.653	53.509	329.52	30.565	100.646
%RSD	.5428735	1.912072	.4540154	.3205592	2.791419

#1	2704.668	2736.748	72435.37	9518.549	3489.441
#2	2682.562	2831.518	72345.57	9570.196	3667.994
#3	2710.277	2827.186	72955.89	9516.050	3659.204

Sample Name: CCV086 Acquired: 5/29/2018 13:59:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.494640	5.203970	26.85960	5.485013	F 5.634733	425.2351
Stddev	.134122	.153283	.62489	.141597	.143847	.9138
%RSD	2.440957	2.945505	2.326488	2.581528	2.552870	.2148914

#1	5.353991	5.049767	26.20998	5.342863	5.488494	425.3254
#2	5.621108	5.356317	27.45639	5.626051	5.776064	426.1004
#3	5.508820	5.205825	26.91243	5.486126	5.639639	424.2795

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.77266	.5269211	2.652321	417.1303	15.72118	2.673952
Stddev	.01687	.0012165	.064766	.6146	.03831	.062030
%RSD	.1566443	.2308637	2.441847	.1473509	.2436955	2.319796

#1	10.77095	.5255269	2.584361	416.5583	15.69534	2.608546
#2	10.79032	.5274703	2.713331	417.7802	15.70300	2.731940
#3	10.75670	.5277662	2.659270	417.0525	15.76520	2.681370

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.01512	416.4962	15.31373	418.8699	2.731819	1.307213
Stddev	.02125	2.1681	.01181	2.0257	.068085	.002766
%RSD	.1327113	.5205563	.0771502	.4836021	2.492296	.2116288

#1	15.99462	416.3827	15.30144	417.9165	2.661730	1.305311
#2	16.03705	418.7188	15.31475	421.1964	2.797706	1.305942
#3	16.01369	414.3870	15.32500	417.4969	2.736020	1.310387

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	412.4517	2.655409	16.22266	161.8766	F 6.332535	5.350989
Stddev	.9993	.017128	.07355	.4052	.140944	.018700
%RSD	.2422765	.6450412	.4533937	.2503011	2.225705	.3494654

#1	412.3882	2.654097	16.27303	161.8629	6.192106	5.334095
#2	413.4813	2.673155	16.25670	162.2884	6.473987	5.371082
#3	411.4858	2.638974	16.13826	161.4784	6.331511	5.347789

Sample Name: CCV086 Acquired: 5/29/2018 13:59:38 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.446802	5.667462	5.111371	5.498974	5.286078	5.366192
Stddev	.134641	.138239	.014607	.132101	.016387	.009529
%RSD	2.471932	2.439175	.2857775	2.402290	.3100103	.1775656

#1	5.307518	5.523839	5.104327	5.361082	5.282265	5.368213
#2	5.576263	5.799601	5.101620	5.624401	5.304036	5.374548
#3	5.456624	5.678948	5.128165	5.511438	5.271934	5.355815

Elem	Sr4077
Units	ppm
Avg	5.217185
Stddev	.045661
%RSD	.8751994

#1	5.177451
#2	5.267066
#3	5.207039

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.363	1962.197	53434.27	7327.069	2970.275
Stddev	1.318	42.248	82.80	17.849	61.678
%RSD	.0685725	2.153099	.1549517	.2435974	2.076499

#1	1921.426	2005.846	53493.41	7344.075	3032.613
#2	1923.871	1921.505	53339.65	7308.483	2909.279
#3	1921.794	1959.240	53469.76	7328.650	2968.931

Sample Name: CCB086 Acquired: 5/29/2018 14:03:33 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001549	.0033703	.0006268	-.002400	-.000056	.0051781	-.000565
Stddev	.001098	.0011565	.0011117	.000449	.000547	.0095163	.000854
%RSD	70.92606	34.31555	177.3595	18.70699	975.6811	183.7808	151.0912

#1	-.001507	.0029415	-.000649	-.002816	-.000553	.0156238	-.000160
#2	-.002667	.0024894	.001389	-.001924	.000530	-.002999	.000011
#3	-.000471	.0046800	.001141	-.002460	-.000145	.002909	-.001546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000009	.0001621	.0082601	-.000050	.0000289	.0007103	.0162010
Stddev	.000087	.0000843	.0109536	.000079	.0000889	.0023224	.0132830
%RSD	992.4796	52.03347	132.6085	157.5985	307.9761	326.9816	81.98837

#1	.000070	.0001889	.0197508	-.000067	.0000221	.0033876	.0075916
#2	-.000102	.0000676	.0070921	.000036	-.000056	-.000760	.0095128
#3	.000006	.0002297	-.002063	-.000120	.000121	-.000497	.0314987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010068	-.004377	.0001214	.0003853	-.069632	.0032290	.0000955
Stddev	.0002307	.018695	.0004223	.0001530	.108222	.0020044	.0078807
%RSD	22.91567	427.1132	347.8926	39.70244	155.4199	62.07511	8254.980

#1	.0011752	.001563	-.000359	.0005602	-.192638	.0024781	-.009003
#2	.0011014	.010627	.000433	.0002761	-.027213	.0017085	.004511
#3	.0007438	-.025320	.000290	.0003197	.010955	.0055004	.004778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.143346	-.000446	.0024813	-.000024	.0212568	-.003799	-.000711
Stddev	.040314	.000182	.0008349	.000164	.0034729	.001146	.001132
%RSD	28.12359	40.74925	33.64893	677.5599	16.33807	30.17306	159.3294

#1	-.108262	-.000421	.0016839	.000135	.0243441	-.003125	-.001398
#2	-.187384	-.000639	.0033493	-.000016	.0174966	-.003150	.000596
#3	-.134391	-.000278	.0024107	-.000192	.0219297	-.005123	-.001330

Sample Name: CCB086 Acquired: 5/29/2018 14:03:33 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB086 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001412	.0005729	.0001550
Stddev	.000963	.0003116	.0000775
%RSD	68.20803	54.38645	50.03162

#1	-.001913	.0009310	.0002384
#2	-.002022	.0004243	.0001414
#3	-.000302	.0003635	.0000851

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2352.842	2494.561	61997.43	7804.725	4166.358
Stddev	14.515	35.720	179.85	8.629	62.887
%RSD	.6169088	1.431928	.2900970	.1105675	1.509391

#1	2337.423	2453.375	61792.30	7795.025	4093.745
#2	2354.861	2513.228	62071.92	7811.550	4202.219
#3	2366.241	2517.081	62128.07	7807.600	4203.111

Sample Name: PB109632BL Acquired: 5/29/2018 14:08:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	-.000960	.0012178	.0003617	.0030186	-.000326	-.010088	-.000690
Stddev	.003017	.0022474	.0008009	.0021200	.000454	.006288	.000670
%RSD	314.4218	184.5355	221.4370	70.23142	139.3180	62.32544	97.09018

#1	-.003088	-.001142	.0010249	.0011685	-.000826	-.008179	-.000211
#2	.002493	.003332	-.000528	.0053320	-.000214	-.004977	-.001455
#3	-.002284	.001464	.000588	.0025554	.000062	-.017109	-.000404

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000035	.0000169	.0093875	-.000329	.0000613	.0018425	-.001401
Stddev	.000056	.0000276	.0067084	.000100	.0000876	.0025107	.016775
%RSD	163.6489	163.2777	71.46067	30.51350	142.9438	136.2686	1197.785

#1	-.000011	-.000005	.0069819	-.000427	-.000031	-.000347	-.019966
#2	-.000099	.000048	.0169669	-.000226	.000144	.001292	.003097
#3	.000007	.000007	.0042136	-.000335	.000071	.004583	.012667

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003511	-.002854	.0005014	.0003243	-.100788	.0041088	-.004406
Stddev	.0009738	.032590	.0002908	.0002762	.154873	.0036385	.006052
%RSD	277.3405	1141.801	57.98841	85.16872	153.6630	88.55310	137.3620

#1	-.000256	.034531	.0001976	.0006429	-.043180	.0002690	.000348
#2	.001474	-.017826	.0005297	.0001770	-.276209	.0075052	-.002347
#3	-.000165	-.025268	.0007770	.0001530	.017026	.0045521	-.011219

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.143484	-.000102	-.001884	-.000050	.0212956	-.004025	-.000463
Stddev	.022678	.000285	.000996	.000248	.0025042	.000437	.000633
%RSD	15.80502	280.1971	52.85108	498.0725	11.75924	10.85765	136.6459

#1	-.132245	.000166	-.002883	.000151	.0184374	-.003763	.000151
#2	-.169586	-.000070	-.001878	-.000328	.0231044	-.003782	-.000427
#3	-.128621	-.000401	-.000891	.000027	.0223450	-.004529	-.001114

Sample Name: PB109632BL Acquired: 5/29/2018 14:08:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0001387	-.000853	.0001054
Stddev	.0014252	.000752	.0000375
%RSD	1027.441	88.15093	35.51345

#1	-.000236	.000015	.0001000
#2	.001714	-.001302	.0001453
#3	-.001062	-.001271	.0000710

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2373.786	2444.880	62307.83	7765.833	4097.978
Stddev	21.003	67.748	302.32	51.639	115.455
%RSD	.8847981	2.771032	.4852063	.6649454	2.817360

#1	2349.541	2366.783	61958.78	7772.650	3964.773
#2	2386.432	2487.864	62487.07	7711.125	4169.284
#3	2385.385	2479.992	62477.63	7813.725	4159.876

Sample Name: J3027-04 Acquired: 5/29/2018 14:16:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1785596	-.011039	1.450206	.0263183	.0169007	150.7780
Stddev	.0106294	.001806	.041369	.0041348	.0021481	.4708
%RSD	5.952854	16.36091	2.852650	15.71087	12.71040	.3122155

#1	.1881804	-.011786	1.479864	.0276598	.0174184	150.7291
#2	.1803495	-.008979	1.467808	.0216793	.0187426	151.2713
#3	.1671489	-.012351	1.402947	.0296159	.0145410	150.3336

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.343828	.0257966	.0093395	53.96545	.6866591	.3229409
Stddev	.000562	.0002929	.0010172	.16149	.0012701	.0090275
%RSD	.0239838	1.135465	10.89096	.2992486	.1849652	2.795392

#1	2.344385	.0255407	.0101395	53.81071	.6881242	.3288775
#2	2.343839	.0261161	.0096843	53.95271	.6858692	.3273930
#3	2.343261	.0257331	.0081948	54.13294	.6859840	.3125521

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2762498	675.3865	F 35.10271	9.038851	.1818297	-.009874
Stddev	.0043622	5.5324	.03873	.147976	.0053115	.000832
%RSD	1.579079	.8191441	.1103420	1.637113	2.921141	8.425145

#1	.2712129	674.6843	35.08601	8.927781	.1857539	-.009695
#2	.2788001	681.2364	35.14699	9.206834	.1839496	-.009147
#3	.2787363	670.2387	35.07513	8.981938	.1757856	-.010781

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.473417	.8815879	2.009265	5.221157	.9915613	.7021198
Stddev	.098362	.0080161	.011797	.027611	.0192263	.0067472
%RSD	3.976782	.9092745	.5871393	.5288251	1.938994	.9609764

#1	2.381139	.8725279	1.996216	5.214878	1.001452	.7096627
#2	2.462208	.8877595	2.012400	5.197226	1.003829	.7000376
#3	2.576904	.8844762	2.019177	5.251366	.969403	.6966591

Sample Name: J3027-04 Acquired: 5/29/2018 14:16:26 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109270	2.686603	12.00890	.0321491	1.294656	.0848118
Stddev	.0001239	.056723	.12654	.0047629	.006012	.0002923
%RSD	1.133802	2.111316	1.053754	14.81504	.4643861	.3445948

#1	.0108280	2.713073	11.92509	.0376205	1.291298	.0851092
#2	.0108871	2.725252	12.15447	.0298962	1.301597	.0845250
#3	.0110660	2.621483	11.94715	.0289306	1.291072	.0848012

Elem	Sr4077
Units	ppm
Avg	.2398309
Stddev	.0005267
%RSD	.2196338

#1	.2397442
#2	.2403956
#3	.2393529

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2759.666	2873.042	73840.18	9614.778	3689.279
Stddev	6.798	64.464	201.45	51.662	101.906
%RSD	.2463290	2.243750	.2728197	.5373194	2.762222

#1	2765.316	2817.218	73671.50	9638.806	3608.732
#2	2761.561	2858.313	74063.24	9555.478	3655.263
#3	2752.122	2943.596	73785.80	9650.050	3803.842

Sample Name: J3027-05 Acquired: 5/29/2018 14:20:21 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2215141	-.034547	2.682381	.0344681	.0235675	153.0454	3.158123
Stddev	.0033463	.007512	.122870	.0070222	.0023032	.1162	.001780
%RSD	1.510658	21.74519	4.580617	20.37304	9.772921	.0759447	.0563780

#1	.2252717	-.042965	2.823654	.0283724	.0252253	153.0548	3.159987
#2	.2188555	-.028527	2.623067	.0328853	.0209375	153.1567	3.156440
#3	.2204150	-.032147	2.600421	.0421466	.0245396	152.9248	3.157943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0286908	.0272823	77.92071	.6909197	.2826710	1.097861	758.6803
Stddev	.0001811	.0024454	.10739	.0025629	.0118278	.002598	.8209
%RSD	.6312258	8.963221	.1378180	.3709463	4.184291	.2366573	.1081999

#1	.0287504	.0300765	77.84434	.6921304	.2963234	1.097340	757.8565
#2	.0284874	.0262377	77.87428	.6879757	.2761693	1.100680	759.4983
#3	.0288346	.0255327	78.04350	.6926530	.2755204	1.095563	758.6861

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.23643	15.25472	.2636933	-.010035	2.929669	.8554605	5.615909
Stddev	.02697	.08553	.0119690	.001553	.133193	.0071850	.035081
%RSD	.1160872	.5606467	4.538978	15.47122	4.546347	.8399004	.6246716

#1	23.24166	15.25969	.2774460	-.010234	2.796442	.8495297	5.643005
#2	23.26040	15.16682	.2580018	-.008393	3.062828	.8534016	5.628438
#3	23.20722	15.33766	.2556320	-.011479	2.929738	.8634502	5.576283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.076022	2.137971	.8254223	.0128681	5.017317	11.52049	.0574237
Stddev	.066886	.083992	.0032712	.0006092	.216113	.06409	.0055203
%RSD	.8282008	3.928599	.3963095	4.733954	4.307351	.5563270	9.613317

#1	8.015251	2.234956	.8285838	.0135279	5.266544	11.48932	.0632009
#2	8.065129	2.089109	.8220514	.0123271	4.881771	11.47794	.0522023
#3	8.147685	2.089847	.8256318	.0127491	4.903636	11.59420	.0568681

Sample Name: J3027-05 Acquired: 5/29/2018 14:20:21 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATG3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.403547	.0861764	.5083810
Stddev	.003951	.0007133	.0006411
%RSD	.2815170	.8277532	.1261081

#1	1.400915	.0869433	.5083188
#2	1.408091	.0860533	.5090510
#3	1.401637	.0855327	.5077733

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.661	2893.946	75277.92	9878.988	3607.059
Stddev	15.773	74.475	120.53	17.831	127.457
%RSD	.5641810	2.573463	.1601119	.1804907	3.533552

#1	2779.107	2807.974	75140.32	9872.250	3459.885
#2	2797.359	2938.679	75328.69	9899.206	3680.998
#3	2810.515	2935.186	75364.76	9865.509	3680.295

Sample Name: J3027-06 Acquired: 5/29/2018 14:24:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2008256	-.007394	1.183331	.0285364	.0392957	150.1943
Stddev	.0103225	.003043	.008575	.0051889	.0018734	.2941
%RSD	5.140029	41.15052	.7246345	18.18347	4.767356	.1958303

#1	.1912975	-.010833	1.176332	.0345210	.0393257	149.8963
#2	.1993876	-.006301	1.192896	.0252918	.0411539	150.4844
#3	.2117917	-.005050	1.180764	.0257964	.0374075	150.2022

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.305161	.0255373	.0097149	49.65316	.6040961	.2702528
Stddev	.005248	.0000672	.0002613	.13331	.0013738	.0027501
%RSD	.2276765	.2630406	2.689711	.2684900	.2274138	1.017617

#1	2.299779	.0254985	.0094187	49.56804	.6049608	.2671618
#2	2.310265	.0256149	.0099127	49.80680	.6048155	.2711677
#3	2.305439	.0254985	.0098132	49.58463	.6025120	.2724288

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.765466	667.4758	F 32.13544	13.01672	.1997712	-.007205
Stddev	.009463	.9463	.02055	.08738	.0014129	.000315
%RSD	.3421779	.1417717	.0639565	.6712928	.7072449	4.364873

#1	2.754543	666.6466	32.11691	12.92256	.1984743	-.007569
#2	2.771185	667.2741	32.15754	13.09520	.1995626	-.007019
#3	2.770670	668.5066	32.13187	13.03241	.2012768	-.007028

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.322951	.8223208	2.193710	6.679280	.8966038	.6865680
Stddev	.100308	.0017580	.024456	.019314	.0030816	.0049077
%RSD	4.318116	.2137837	1.114837	.2891585	.3436983	.7148219

#1	2.209538	.8217288	2.221711	6.682839	.8930964	.6909235
#2	2.359291	.8209353	2.176536	6.658434	.8978375	.6875300
#3	2.400023	.8242984	2.182883	6.696567	.8988773	.6812505

Sample Name: J3027-06 Acquired: 5/29/2018 14:24:18 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148075	2.105433	8.774267	.1211005	.8954786	.0694548
Stddev	.0002987	.006318	.045399	.0013878	.0024972	.0002901
%RSD	2.017000	.3000678	.5174083	1.145969	.2788717	.4176311

#1	.0145074	2.098489	8.729530	.1195025	.8927252	.0697770
#2	.0148104	2.106971	8.772972	.1220024	.8975970	.0693729
#3	.0151047	2.110841	8.820300	.1217967	.8961136	.0692145

Elem	Sr4077
Units	ppm
Avg	.4062963
Stddev	.0004172
%RSD	.1026900

#1	.4059968
#2	.4061191
#3	.4067728

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.756	2966.009	75592.94	9779.786	3751.314
Stddev	10.695	9.486	145.75	36.775	15.394
%RSD	.3759585	.3198238	.1928128	.3760355	.4103686

#1	2844.800	2976.250	75427.63	9822.092	3766.312
#2	2834.039	2964.255	75648.26	9755.460	3752.080
#3	2855.429	2957.523	75702.93	9761.806	3735.552

Sample Name: J3027-07 Acquired: 5/29/2018 14:28:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2226135	-.006279	2.085475	.0443681	.0472270	169.1083
Stddev	.0066063	.003168	.011960	.0045153	.0025555	3.8696
%RSD	2.967626	50.44891	.5734925	10.17699	5.411160	2.288213

#1	.2194416	-.009370	2.098110	.0392615	.0443547	164.7559
#2	.2302076	-.006429	2.074330	.0478327	.0480774	172.1596
#3	.2181912	-.003039	2.083984	.0460101	.0492489	170.4095

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.537020	.0311830	.0131944	56.57487	.6260804	.3923760
Stddev	.130517	.0014902	.0010981	1.57768	.0069325	.0023399
%RSD	1.996580	4.778834	8.322251	2.788652	1.107283	.5963420

#1	6.395614	.0296216	.0143992	54.75745	.6340610	.3950162
#2	6.652866	.0313375	.0122498	57.37496	.6215498	.3905589
#3	6.562580	.0325899	.0129341	57.59220	.6226304	.3915528

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6131457	F 844.5215	F 53.32041	13.07268	.2102852	-.009274
Stddev	.0132957	24.4777	1.76674	.32927	.0015265	.003031
%RSD	2.168444	2.898411	3.313439	2.518759	.7259333	32.67660

#1	.5981950	816.3017	51.28884	12.69248	.2119469	-.012751
#2	.6236432	860.0068	54.17520	13.26506	.2099638	-.007884
#3	.6175990	857.2558	54.49719	13.26050	.2089450	-.007189

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.112223	1.050430	3.026882	7.493234	1.291521	.8649750
Stddev	.210011	.026713	.090781	.236652	.003561	.0384367
%RSD	6.747949	2.543094	2.999168	3.158212	.2757138	4.443680

#1	2.960983	1.022206	3.077079	7.244457	1.295330	.8548412
#2	3.023681	1.075319	3.081478	7.715534	1.290958	.9074632
#3	3.352007	1.053766	2.922087	7.519710	1.288275	.8326204

Sample Name: J3027-07 Acquired: 5/29/2018 14:28:14 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143056	2.927250	13.33503	.0460072	1.239745	.0889416
Stddev	.0003573	.019057	.61771	.0005900	.030259	.0023722
%RSD	2.497419	.6510061	4.632248	1.282480	2.440754	2.667115

#1	.0140823	2.949008	12.72821	.0455014	1.204858	.0862413
#2	.0147176	2.913523	13.31382	.0458648	1.258864	.0906899
#3	.0141167	2.919220	13.96308	.0466554	1.255513	.0898936

Elem	Sr4077
Units	ppm
Avg	.4146514
Stddev	.0087037
%RSD	2.099035

#1	.4048899
#2	.4216031
#3	.4174613

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2787.355	2944.001	74610.97	9392.923	3687.749
Stddev	1.217	7.337	79.70	432.982	8.691
%RSD	.0436615	.2492078	.1068157	4.609660	.2356818

#1	2788.080	2936.770	74534.20	9819.661	3679.845
#2	2785.950	2943.794	74605.43	9405.152	3697.056
#3	2788.035	2951.439	74693.30	8953.957	3686.345

Sample Name: J3027-08 Acquired: 5/29/2018 14:32:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1952152	-.019630	1.705732	.0278388	.0170292	141.3011	2.087819
Stddev	.0013738	.006547	.004909	.0011811	.0005650	.4530	.004168
%RSD	.7037102	33.35028	.2877673	4.242673	3.318040	.3205636	.1996237

#1	.1959842	-.017473	1.705306	.0285280	.0175981	141.6626	2.090010
#2	.1960322	-.026982	1.701050	.0285135	.0164681	141.4478	2.090434
#3	.1936292	-.014434	1.710839	.0264750	.0170213	140.7930	2.083012

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0229235	.0142788	194.2037	.5028626	.2099281	.4580680	567.8265
Stddev	.0002076	.0004849	.0682	.0748241	.0011317	.0032222	3.8508
%RSD	.9055354	3.395795	.0351253	14.87962	.5390737	.7034383	.6781694

#1	.0227489	.0139621	194.1343	.4580088	.2110496	.4600964	571.5481
#2	.0231530	.0140373	194.2062	.5892405	.2087866	.4543525	568.0731
#3	.0228686	.0148370	194.2706	.4613383	.2099482	.4597551	563.8583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.53234	51.60724	.2203579	-.012210	3.646133	.6020082	4.270360
Stddev	.06573	.45138	.0015560	.007825	.109787	.0033552	.465274
%RSD	.3365303	.8746489	.7061289	64.08446	3.011058	.5573416	10.89543

#1	19.46469	52.11346	.2218754	-.007353	3.656345	.5988462	4.011726
#2	19.53638	51.46163	.2187660	-.021237	3.750458	.6055280	4.807490
#3	19.59597	51.24664	.2204323	-.008041	3.531597	.6016504	3.991864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14299	2.122003	.5997930	.0192096	11.24681	17.78053	.0676003
Stddev	.11181	.003687	.0236982	.0003192	.02851	.27754	.0005834
%RSD	1.102342	.1737685	3.951067	1.661930	.2534535	1.560896	.8630772

#1	10.25367	2.126194	.6234907	.0195649	11.27922	17.59657	.0679938
#2	10.03008	2.119257	.5760943	.0189469	11.22564	18.09977	.0669300
#3	10.14522	2.120558	.5997940	.0191171	11.23556	17.64526	.0678771

Sample Name: J3027-08 Acquired: 5/29/2018 14:32:10 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.640949	.1114314	.3982534
Stddev	.005068	.0009867	.0001916
%RSD	.3088498	.8854696	.0481018

#1	1.645109	.1124469	.3982734
#2	1.642433	.1104763	.3980526
#3	1.635304	.1113711	.3984341

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.300	2728.752	66050.52	9210.607	3625.689
Stddev	233.688	4.159	6807.74	48.193	10.240
%RSD	9.486771	.1524285	10.30688	.5232370	.2824159

#1	2604.479	2724.047	69908.29	9175.379	3614.122
#2	2193.559	2731.938	58190.06	9265.528	3633.597
#3	2591.861	2730.272	70053.21	9190.914	3629.346

Sample Name: J3027-09 Acquired: 5/29/2018 14:36:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2359158	.0334583	1.724231	.0323346	.0361998	156.7372
Stddev	.0033126	.0019552	.006225	.0011092	.0003642	4.0500
%RSD	1.404151	5.843696	.3610229	3.430380	1.005966	2.583942

#1	.2387480	.0314811	1.717083	.0327533	.0364329	152.5251
#2	.2367260	.0353907	1.727146	.0310769	.0363864	160.6028
#3	.2322732	.0335031	1.728463	.0331734	.0357802	157.0837

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.105680	.0328049	.0125335	28.50829	.7107792	.5014611
Stddev	.162886	.0007841	.0006443	.65832	.0087417	.0012092
%RSD	2.292334	2.390043	5.140846	2.309230	1.229871	.2411443

#1	6.940549	.0319504	.0131853	27.88168	.7207865	.5010467
#2	7.266223	.0334911	.0118970	29.19430	.7046321	.5005135
#3	7.110268	.0329733	.0125183	28.44889	.7069190	.5028230

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1868920	F 834.4115	F 110.2075	8.093474	.2376096	-.014679
Stddev	.0057915	25.2324	4.5223	.213462	.0018539	.001282
%RSD	3.098840	3.023980	4.103485	2.637454	.7802286	8.730313

#1	.1802047	807.6824	105.7278	7.875249	.2370311	-.016100
#2	.1902625	857.8180	114.7713	8.301830	.2361140	-.013610
#3	.1902089	837.7341	110.1234	8.103341	.2396838	-.014326

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.048538	1.033932	1.081665	6.267381	1.269960	.8497012
Stddev	.074012	.026180	.029679	.184385	.008259	.0388404
%RSD	2.427797	2.532069	2.743869	2.941976	.6503540	4.571060

#1	3.015136	1.012904	1.109369	6.095596	1.263327	.8079884
#2	3.133364	1.063254	1.085283	6.462201	1.267342	.8848266
#3	2.997113	1.025639	1.050342	6.244345	1.279211	.8562886

Sample Name: J3027-09 Acquired: 5/29/2018 14:36:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0221577	2.197855	16.51407	.0392066	1.386904	.0893881
Stddev	.0005200	.018091	.36270	.0004361	.042306	.0025008
%RSD	2.346901	.8231025	2.196284	1.112303	3.050414	2.797662

#1	.0215782	2.190490	16.11448	.0390737	1.340820	.0865725
#2	.0225836	2.184608	16.82247	.0388524	1.423984	.0913510
#3	.0223114	2.218466	16.60526	.0396937	1.395907	.0902408

Elem	Sr4077
Units	ppm
Avg	.1918530
Stddev	.0047894
%RSD	2.496371

#1	.1868020
#2	.1963287
#3	.1924285

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2977.734	3111.198	79218.47	10087.35	3730.321
Stddev	23.287	8.389	406.92	248.63	10.377
%RSD	.7820339	.2696285	.5136627	2.464793	.2781920

#1	2974.572	3109.493	78918.86	10358.50	3733.050
#2	2956.190	3120.308	79054.82	9870.08	3739.061
#3	3002.441	3103.792	79681.73	10033.47	3718.852

Sample Name: J3027-10 Acquired: 5/29/2018 14:40:02 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2111820	-.022230	1.311536	.0254697	.0174907	159.8416	2.388272
Stddev	.0031879	.004693	.004104	.0040401	.0017066	.5231	.008938
%RSD	1.509542	21.11048	.3129032	15.86240	9.756974	.3272603	.3742419

#1	.2143248	-.019497	1.309616	.0284859	.0193207	159.9453	2.378214
#2	.2079509	-.019544	1.308745	.0208795	.0159426	159.2745	2.391300
#3	.2112704	-.027649	1.316248	.0270437	.0172089	160.3051	2.395304

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260169	.0127427	288.6888	.6431201	.2449033	.3370089	627.9083
Stddev	.0004878	.0004918	1.0080	.0264972	.0005742	.0042749	5.6183
%RSD	1.874808	3.859703	.3491564	4.120106	.2344455	1.268477	.8947566

#1	.0265318	.0121767	287.5694	.6735684	.2450324	.3412682	631.4691
#2	.0255618	.0130662	288.9725	.6304992	.2442756	.3370397	621.4316
#3	.0259572	.0129853	289.5245	.6252925	.2454020	.3327186	630.8242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.53022	105.7113	.1932657	-.012367	3.459567	.7776873	2.125419
Stddev	.11108	1.0562	.0001777	.001950	.177087	.0041979	.054805
%RSD	.4528412	.9991232	.0919611	15.76841	5.118774	.5397946	2.578538

#1	24.41183	106.3640	.1933115	-.014375	3.292111	.7735845	2.182411
#2	24.54666	104.4927	.1930695	-.012246	3.644926	.7819742	2.120747
#3	24.63216	106.2771	.1934160	-.010481	3.441664	.7775031	2.073100

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.284636	2.292131	.6333562	.0122198	6.238485	17.32059	.0477098
Stddev	.047869	.013091	.0105864	.0005237	.021624	.20960	.0013886
%RSD	.5777996	.5711405	1.671473	4.285519	.3466249	1.210128	2.910544

#1	8.255651	2.277143	.6211514	.0127647	6.219280	17.51654	.0463071
#2	8.258368	2.297922	.6400521	.0121742	6.234269	17.09959	.0490839
#3	8.339887	2.301329	.6388653	.0117203	6.261907	17.34564	.0477383

Sample Name: J3027-10 Acquired: 5/29/2018 14:40:02 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATG8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.437707	.1147442	.4017041
Stddev	.007979	.0006642	.0015867
%RSD	.5549811	.5788287	.3950000

#1	1.435128	.1140642	.4000558
#2	1.431336	.1147770	.4018352
#3	1.446656	.1153913	.4032212

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2603.335	2776.007	69996.88	9427.342	3504.502
Stddev	71.525	9.278	2008.64	71.649	13.608
%RSD	2.747441	.3342386	2.869609	.7600091	.3882885

#1	2522.516	2777.716	67717.58	9390.594	3513.111
#2	2629.011	2784.312	70764.75	9509.909	3511.582
#3	2658.478	2765.993	71508.31	9381.524	3488.815

Sample Name: J3027-11 Acquired: 5/29/2018 14:43:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2095904	-.027794	1.306612	.0296132	.0194328	158.5554	2.349905
Stddev	.0069861	.007542	.002644	.0026084	.0017431	.1809	.002205
%RSD	3.333208	27.13492	.2023309	8.808218	8.969945	.1140919	.0938407

#1	.2026797	-.034818	1.305968	.0325016	.0174826	158.7461	2.348540
#2	.2166496	-.028739	1.304349	.0289081	.0199767	158.5336	2.352449
#3	.2094419	-.019824	1.309518	.0274298	.0208392	158.3863	2.348726

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258790	.0123160	293.4961	.6345458	.2429035	.3330676	631.7210
Stddev	.0001085	.0000837	.2043	.0190350	.0003294	.0043541	1.7454
%RSD	.4194270	.6791672	.0696048	2.999779	.1356011	1.307267	.2762945

#1	.0257884	.0123553	293.7292	.6238921	.2426284	.3350393	633.3399
#2	.0258494	.0122200	293.3483	.6232233	.2432685	.3360871	631.9511
#3	.0259993	.0123728	293.4107	.6565221	.2428136	.3280765	629.8719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.13238	111.3501	.1923852	-.010665	3.328254	.7798816	2.129963
Stddev	.04044	.3052	.0004789	.002689	.073130	.0074157	.059407
%RSD	.1675595	.2740826	.2489462	25.21598	2.197253	.9508687	2.789110

#1	24.12731	111.6826	.1928127	-.010235	3.387588	.7871561	2.068883
#2	24.09472	111.2849	.1924753	-.008216	3.246552	.7801562	2.133464
#3	24.17511	111.0828	.1918676	-.013543	3.350621	.7723325	2.187543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.159493	2.212460	.6362790	.0124379	6.205622	16.80928	.0486907
Stddev	.008605	.001174	.0069477	.0005066	.009384	.04617	.0010505
%RSD	.1054574	.0530715	1.091922	4.073440	.1512146	.2746571	2.157483

#1	8.158113	2.212923	.6437690	.0128340	6.214199	16.80575	.0483500
#2	8.168705	2.213331	.6350231	.0118670	6.207067	16.76498	.0478528
#3	8.151662	2.211124	.6300450	.0126127	6.195599	16.85712	.0498692

Sample Name: J3027-11 Acquired: 5/29/2018 14:43:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.429531	.1132109	.3996105
Stddev	.002179	.0004807	.0006935
%RSD	.1524450	.4246198	.1735421

#1	1.429801	.1137508	.3989819
#2	1.427229	.1128291	.3994952
#3	1.431562	.1130528	.4003544

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.112	2772.543	70102.75	9411.734	3490.920
Stddev	54.759	1.404	1301.41	45.393	3.032
%RSD	2.100387	.0506363	1.856439	.4823031	.0868635

#1	2619.079	2773.483	70672.25	9371.115	3493.877
#2	2654.898	2773.218	71022.35	9403.352	3491.067
#3	2547.359	2770.930	68613.67	9460.734	3487.818

Sample Name: J3027-10LX5 Acquired: 5/29/2018 14:51:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567067	.0009895	.2701447	.0055995	.0013545	36.22590	.5500253
Stddev	.0036563	.0029603	.0017104	.0081339	.0016372	.07570	.0016243
%RSD	6.447805	299.1640	.6331355	145.2627	120.8772	.2089582	.2953190

#1	.0542148	.0024647	.2703796	.0143534	.0002657	36.13855	.5513298
#2	.0550011	-.002419	.2683291	-.001725	.0032373	36.26707	.5505403
#3	.0609042	.002922	.2717255	.004170	.0005604	36.27210	.5482060

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064147	.0014177	69.71196	.1529652	.0482586	.0791617	150.0064
Stddev	.0001239	.0000732	.13770	.0003085	.0001136	.0002030	1.0686
%RSD	1.931260	5.160621	.1975219	.2017137	.2352931	.2564055	.7123698

#1	.0063719	.0013771	69.86969	.1532940	.0481375	.0789867	148.7795
#2	.0063180	.0015022	69.65047	.1529194	.0482757	.0793842	150.5054
#3	.0065543	.0013740	69.61573	.1526821	.0483627	.0791141	150.7341

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.666677	25.75297	.0397461	-.002113	.6815826	.1834814	.4779497
Stddev	.013702	.23301	.0003051	.000191	.1319080	.0008017	.0034972
%RSD	.2418063	.9048002	.7675821	9.053654	19.35319	.4369294	.7317046

#1	5.681075	25.48466	.0395461	-.002055	.6094777	.1831916	.4756640
#2	5.665159	25.90454	.0395949	-.001958	.8338263	.1843877	.4762095
#3	5.653797	25.86970	.0400972	-.002327	.6014440	.1828649	.4819756

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.713039	.4488238	.1513072	.0029442	1.250202	4.132635	.0070383
Stddev	.048041	.0038198	.0039611	.0002507	.012802	.011509	.0004631
%RSD	2.804406	.8510695	2.617948	8.516189	1.024023	.2785011	6.579574

#1	1.768403	.4473222	.1467427	.0026627	1.244689	4.119911	.0073659
#2	1.688353	.4459829	.1533343	.0030266	1.241079	4.135675	.0072404
#3	1.682359	.4531662	.1538445	.0031435	1.264837	4.142319	.0065085

Sample Name: J3027-10LX5 Acquired: 5/29/2018 14:51:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3399490	.0250446	.0945229
Stddev	.0026765	.0008783	.0001934
%RSD	.7873249	3.506751	.2045818

#1	.3371383	.0242769	.0945105
#2	.3424674	.0248546	.0947222
#3	.3402412	.0260023	.0943360

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.461	2547.017	63853.89	8151.521	3924.485
Stddev	7.621	7.109	131.19	17.711	11.777
%RSD	.3170996	.2790955	.2054559	.2172687	.3000846

#1	2409.592	2552.121	64004.61	8164.793	3933.141
#2	2405.864	2550.033	63791.72	8158.360	3929.240
#3	2394.928	2538.898	63765.34	8131.411	3911.074

Sample Name: PB109549BL Acquired: 5/29/2018 14:55:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	-.000908	.0008420	-.000253	-.000089	-.001373	.0025531	-.000908
Stddev	.001919	.0010235	.000959	.001575	.001279	.0024197	.000555
%RSD	211.2795	121.5520	379.5048	1778.976	93.18345	94.77423	61.14801

#1	-.001906	-.000184	.000688	-.000285	-.002509	.0051500	-.001547
#2	-.002124	.000848	-.000217	-.001556	-.001621	.0003619	-.000543
#3	.001304	.001863	-.001229	.001575	.000013	.0021473	-.000633

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000570	-.000010	.0110943	-.000117	.0001540	-.000419	.0070067
Stddev	.0000787	.000051	.0056052	.000189	.0001689	.002211	.0093967
%RSD	137.9484	488.0581	50.52313	161.4986	109.7184	528.0402	134.1103

#1	.0000543	.000040	.0046907	.000031	.0000652	.001789	.0162077
#2	-.000020	-.000009	.0151109	-.000330	.0003488	-.000412	-.002574
#3	.000137	-.000061	.0134813	-.000052	.0000479	-.002633	.007387

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000559	.0286924	.0002870	.0004993	-.180700	-.000082	.0004197
Stddev	.000420	.0226783	.0003454	.0004059	.123977	.002697	.0060659
%RSD	75.04116	79.03939	120.3425	81.29151	68.60974	3290.834	1445.315

#1	-.000772	.0057307	.0006816	.0003772	-.167599	-.001972	.0072860
#2	-.000076	.0292702	.0000399	.0001684	-.063793	-.001281	-.001816
#3	-.000829	.0510762	.0001394	.0009522	-.310707	.003007	-.004211

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.196211	-.000468	-.004164	-.000234	.0252396	-.003355	-.000294
Stddev	.023280	.000410	.000266	.000135	.0021884	.000375	.000142
%RSD	11.86457	87.49545	6.386041	57.93093	8.670499	11.18193	48.42917

#1	-.169349	-.000130	-.004049	-.000351	.0277662	-.002996	-.000457
#2	-.210523	-.000924	-.004467	-.000085	.0240148	-.003323	-.000231
#3	-.208761	-.000351	-.003974	-.000265	.0239380	-.003745	-.000194

Sample Name: PB109549BL Acquired: 5/29/2018 14:55:51 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	-.001951	-.001002	.0000388
Stddev	.001489	.000567	.0000122
%RSD	76.32226	56.54370	31.46460

#1	-.003397	-.001654	.0000494
#2	-.000422	-.000630	.0000254
#3	-.002035	-.000722	.0000415

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.538	2508.041	62400.09	7756.208	4197.296
Stddev	13.737	13.321	449.58	27.904	27.711
%RSD	.5802146	.5311471	.7204787	.3597594	.6602218

#1	2351.789	2492.667	61892.34	7724.075	4165.562
#2	2377.046	2516.142	62560.34	7774.325	4209.609
#3	2373.780	2515.316	62747.58	7770.225	4216.718

Sample Name: PB109549BS Acquired: 5/29/2018 14:59:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0176080	.0445970	.0202048	.0621549	.1138046	.4494681
Stddev	.0014368	.0030151	.0010425	.0029563	.0043774	.0111880
%RSD	8.159902	6.760811	5.159656	4.756269	3.846439	2.489157

#1	.0163485	.0465694	.0213730	.0634902	.1154983	.4439018
#2	.0191729	.0460955	.0193691	.0642079	.1170820	.4421552
#3	.0173026	.0411262	.0198722	.0587665	.1088334	.4623475

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3932446	.0095902	.0093800	10.08198	.0197642	.0926449
Stddev	.0008667	.0000699	.0002910	.01841	.0005533	.0027304
%RSD	.2204029	.7290539	3.101767	.1825818	2.799446	2.947131

#1	.3934610	.0095135	.0095999	10.07843	.0204022	.0945929
#2	.3922901	.0096067	.0094900	10.10190	.0194743	.0938177
#3	.3939825	.0096504	.0090501	10.06560	.0194161	.0895240

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524688	F .3284373	.0337564	9.519579	.0793265	.0169414
Stddev	.0018807	.0195522	.0007414	.143973	.0022035	.0001799
%RSD	3.584315	5.953103	2.196361	1.512387	2.777722	1.061804

#1	.0505654	.3500913	.0341918	9.354318	.0811644	.0168692
#2	.0525149	.3231438	.0329003	9.617860	.0799312	.0168089
#3	.0543259	.3120770	.0341770	9.586557	.0768838	.0171462

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.290094	.1045676	.1151029	7.758827	F .0057962	F .0149539
Stddev	.240412	.0039646	.0091478	.063830	.0002941	.0010191
%RSD	2.587830	3.791444	7.947461	.8226798	5.073436	6.815273

#1	9.524213	.1050785	.1073626	7.687115	.0058532	.0142602
#2	9.043848	.1003723	.1127484	7.779939	.0060575	.0161240
#3	9.302222	.1082520	.1251978	7.809427	.0054777	.0144775

Sample Name: PB109549BS Acquired: 5/29/2018 14:59:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0200052	.1798438	.2192154	F .0138004	.1977476	.0871632
Stddev	.0005845	.0074598	.0014009	.0007258	.0014506	.0007573
%RSD	2.921877	4.147941	.6390581	5.259365	.7335475	.8687904

#1	.0204231	.1802910	.2176901	.0145431	.1960731	.0864785
#2	.0202554	.1870699	.2195114	.0137654	.1986177	.0870347
#3	.0193373	.1721704	.2204446	.0130927	.1985521	.0879766

Elem	Sr4077
Units	ppm
Avg	.1945841
Stddev	.0007355
%RSD	.3779893

#1	.1940048
#2	.1943360
#3	.1954116

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2362.967	2509.742	62341.02	7908.216	4175.245
Stddev	5.839	57.146	208.46	47.473	102.509
%RSD	.2471034	2.276966	.3343925	.6002993	2.455172

#1	2359.559	2465.109	62261.89	7960.721	4102.369
#2	2359.633	2489.967	62183.70	7868.321	4130.905
#3	2369.709	2574.148	62577.46	7895.605	4292.460

Sample Name: PB109589BL Acquired: 5/29/2018 15:04:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000869	.0010017	.0009803	-.001093	-.000842	.0011383	-.000562
Stddev	.002923	.0020154	.0004165	.003201	.000089	.0080142	.000346
%RSD	336.1974	201.2073	42.49062	292.9531	10.54800	704.0753	61.55329

#1	-.004244	.0015475	.0005007	-.003069	-.000808	-.004505	-.000319
#2	.000792	.0026879	.0012516	-.002809	-.000775	-.002391	-.000959
#3	.000844	-.001230	.0011886	.002600	-.000943	.010311	-.000409

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000082	-.000005	.0009425	-.000312	.0001414	.0011269	.0022182
Stddev	.0000223	.000046	.0177811	.000567	.0001663	.0018877	.0180452
%RSD	270.6899	867.8266	1886.559	181.8723	117.5455	167.5103	813.5134

#1	-.000008	.000001	-.019265	-.000946	.0003245	-.000995	-.006634
#2	.000034	-.000054	.014195	-.000137	.0001001	.002619	-.009692
#3	-.000001	.000037	.007897	.000147	-.000000	.001757	.022980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000098	-.023317	.0000350	.0005365	-.036425	.0011588	-.003430
Stddev	.000565	.032040	.0001578	.0002458	.077043	.0026646	.004560
%RSD	574.4275	137.4082	450.8535	45.81072	211.5129	229.9364	132.9360

#1	-.000511	-.051765	.0000844	.0003679	.043333	-.001775	-.008401
#2	.000546	.011391	-.000142	.0008185	-.042177	.001823	-.002445
#3	-.000330	-.029578	.000162	.0004232	-.110431	.003428	.000557

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.198834	-.000327	-.004240	-.000133	.0229000	-.004538	-.000147
Stddev	.056489	.000334	.000046	.000240	.0028168	.001117	.000641
%RSD	28.40992	102.0479	1.095322	180.5755	12.30026	24.61536	435.0747

#1	-.139808	.000050	-.004187	-.000183	.0258931	-.003880	-.000141
#2	-.204308	-.000448	-.004272	-.000345	.0203012	-.003906	-.000791
#3	-.252386	-.000584	-.004261	.000128	.0225057	-.005828	.000490

Sample Name: PB109589BL Acquired: 5/29/2018 15:04:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: PBW001 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001388	-.002384	.0000413
Stddev	.001101	.001266	.0000387
%RSD	79.29340	53.09710	93.80697

#1	-.001389	-.002906	.0000257
#2	-.000287	-.000941	.0000854
#3	-.002488	-.003306	.0000128

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.623	2511.050	62072.45	7743.258	4187.963
Stddev	30.637	6.507	768.29	76.855	15.723
%RSD	1.297301	.2591413	1.237726	.9925425	.3754291

#1	2326.376	2510.726	61189.21	7662.625	4191.028
#2	2381.874	2517.713	62442.12	7815.675	4201.927
#3	2376.619	2504.710	62586.02	7751.475	4170.933

Sample Name: PB109589BS Acquired: 5/29/2018 15:08:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151398	.0473822	.0206393	.0656965	.1158334	.4406314
Stddev	.0011923	.0019112	.0026565	.0014842	.0024677	.0055404
%RSD	7.875395	4.033666	12.87103	2.259174	2.130361	1.257386

#1	.0140871	.0482450	.0213477	.0641066	.1148591	.4374349
#2	.0164346	.0451917	.0228697	.0659374	.1140017	.4374304
#3	.0148976	.0487099	.0177004	.0670455	.1186395	.4470290

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3927255	.0095450	.0095002	10.05684	.0194985	.0930836
Stddev	.0010000	.0000481	.0001585	.07253	.0000656	.0007882
%RSD	.2546325	.5040266	1.668701	.7212304	.3363367	.8467100

#1	.3938193	.0095477	.0094265	10.12986	.0194386	.0922204
#2	.3924991	.0095917	.0093919	10.05587	.0195686	.0932658
#3	.3918581	.0094956	.0096821	9.98481	.0194881	.0937648

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535009	F .3164720	.0342859	9.457207	.0799595	.0167388
Stddev	.0029699	.0075174	.0009384	.041995	.0001468	.0002495
%RSD	5.551156	2.375373	2.736989	.4440555	.1835975	1.490252

#1	.0569184	.3223720	.0347293	9.485843	.0801164	.0165386
#2	.0520385	.3080080	.0332079	9.476779	.0798254	.0166597
#3	.0515457	.3190359	.0349204	9.408998	.0799368	.0170183

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.508049	.1039721	.1108683	7.726076	F .0051798	F .0140855
Stddev	.123261	.0060778	.0103988	.051057	.0004256	.0012301
%RSD	1.296390	5.845610	9.379371	.6608340	8.215578	8.733397

#1	9.629272	.1108794	.1200414	7.698310	.0049889	.0140990
#2	9.512030	.1015938	.1129917	7.694919	.0056673	.0128486
#3	9.382846	.0994430	.0995717	7.784998	.0048831	.0153088

Sample Name: PB109589BS Acquired: 5/29/2018 15:08:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: LCS001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202957	.1849201	.2189079	F .0141196	.1949987	.0879776
Stddev	.0004301	.0037157	.0033778	.0007377	.0023274	.0008864
%RSD	2.119236	2.009353	1.543012	5.224469	1.193540	1.007470

#1	.0201125	.1891309	.2195574	.0140639	.1954883	.0883079
#2	.0199875	.1821016	.2219137	.0148836	.1970424	.0869735
#3	.0207871	.1835278	.2152525	.0134114	.1924655	.0886514

Elem	Sr4077
Units	ppm
Avg	.1940957
Stddev	.0008941
%RSD	.4606524

#1	.1946006
#2	.1946231
#3	.1930634

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2391.190	2494.508	63218.27	7898.762	4152.979
Stddev	12.182	5.982	300.53	47.429	13.430
%RSD	.5094696	.2398072	.4753841	.6004604	.3233771

#1	2378.641	2497.850	62877.34	7869.071	4163.432
#2	2402.969	2498.073	63332.66	7873.752	4157.673
#3	2391.961	2487.602	63444.81	7953.461	4137.832

Sample Name: J3036-01 Acquired: 5/29/2018 15:12:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004275	-.001735	.0026145	-.000711	-.001283	.0122518	.1871346
Stddev	.0017932	.001989	.0016920	.001399	.001461	.0071680	.0016350
%RSD	419.4599	114.6448	64.71535	196.7614	113.8061	58.50599	.8737089

#1	.0015586	.000445	.0015722	-.001051	-.000118	.0155045	.1859801
#2	.0013640	-.002199	.0045668	.000827	-.002922	.0172168	.1890055
#3	-.001640	-.003451	.0017046	-.001909	-.000810	.0040341	.1864182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000142	-.000064	81.81572	.0002807	-.000981	-.000583	-.005107
Stddev	.0000497	.000082	.37385	.0002651	.000075	.003392	.005946
%RSD	350.8977	128.7085	.4569468	94.45970	7.613428	582.1945	116.4281

#1	.0000504	-.000156	81.43810	.0005866	-.000931	.002098	-.010517
#2	-.000042	-.000034	82.18569	.0001366	-.000946	.000551	-.006065
#3	.000035	-.000001	81.82335	.0001188	-.001067	-.004396	.001260

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1024404	19.13200	.0006455	.0008940	7.033034	.0001930	.0125816
Stddev	.0007757	.10232	.0002394	.0003674	.134162	.0017042	.0085403
%RSD	.7572647	.5348282	37.08938	41.09968	1.907594	883.0740	67.87912

#1	.1016814	19.10678	.0006120	.0007410	7.165456	.0017036	.0193396
#2	.1032319	19.04464	.0004246	.0006278	7.036448	.0005299	.0154223
#3	.1024080	19.24458	.0008999	.0013132	6.897198	-.001655	.0029830

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.682541	.0012964	.0366486	.0014408	12.95187	5.367164	-.003204
Stddev	.025553	.0003185	.0010284	.0000835	.14105	.035608	.000468
%RSD	3.743867	24.56811	2.806061	5.798270	1.089036	.6634478	14.62426

#1	-.704785	.0016481	.0354619	.0015228	12.85557	5.385512	-.003629
#2	-.654630	.0012137	.0372793	.0014437	13.11377	5.389857	-.003280
#3	-.688209	.0010274	.0372046	.0013558	12.88625	5.326124	-.002701

Sample Name: J3036-01 Acquired: 5/29/2018 15:12:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003197	.0031188	.9506487
Stddev	.000807	.0001194	.0018107
%RSD	25.23552	3.828385	.1904668

#1	-.002272	.0030160	.9485602
#2	-.003755	.0032498	.9516076
#3	-.003564	.0030906	.9517783

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.989	2540.174	63085.13	7998.697	4199.006
Stddev	98.629	25.124	2337.96	21.756	38.613
%RSD	4.084045	.9890575	3.706042	.2719967	.9195637

#1	2303.079	2558.025	60395.12	8023.808	4226.456
#2	2489.242	2511.444	64627.50	7986.775	4154.854
#3	2452.646	2551.053	64232.76	7985.508	4215.708

Sample Name: J3036-02 Acquired: 5/29/2018 15:17:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016898	.0017393	.0025403	.0006001	-.001978	.0076538	.1704207
Stddev	.0014556	.0037716	.0012850	.0012891	.000278	.0008109	.0003883
%RSD	86.13841	216.8461	50.58574	214.8260	14.03833	10.59461	.2278264

#1	.0003513	-.002135	.0040178	.0017074	-.001827	.0082441	.1700734
#2	.0014787	.005399	.0016835	-.000815	-.001809	.0067292	.1708399
#3	.0032395	.001954	.0019196	.000908	-.002299	.0079880	.1703489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	-.000023	72.64865	-.000071	.0011158	.0011018	-.008255
Stddev	.000037	.000111	.08876	.000028	.0001223	.0011468	.011166
%RSD	2540.553	488.2346	.1221734	39.35965	10.95890	104.0876	135.2762

#1	.000039	.000103	72.72520	-.000098	.0011905	.0020376	-.014568
#2	-.000010	-.000062	72.66939	-.000072	.0011821	.0014453	.004638
#3	-.000034	-.000109	72.55136	-.000042	.0009747	-.000178	-.014835

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8359711	15.50229	.0018017	.0006057	17.15243	.0057640	.0115275
Stddev	.0031985	.09846	.0003924	.0001786	.07507	.0037633	.0051744
%RSD	.3826062	.6351140	21.77864	29.48081	.4376709	65.29020	44.88771

#1	.8324198	15.55032	.0018696	.0004138	17.23754	.0052240	.0056509
#2	.8386251	15.38903	.0021558	.0007670	17.12410	.0097682	.0135310
#3	.8368683	15.56751	.0013798	.0006362	17.09564	.0022999	.0154007

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.493222	.0023555	.0292884	.0007648	10.65448	5.376465	-.003061
Stddev	.057631	.0002401	.0009465	.0002220	.06174	.016113	.000626
%RSD	11.68465	10.19448	3.231609	29.03330	.5794931	.2996980	20.44259

#1	-.522675	.0021477	.0302252	.0006516	10.63210	5.392402	-.003687
#2	-.426816	.0023004	.0283325	.0010206	10.72429	5.376811	-.003060
#3	-.530175	.0026184	.0293075	.0006222	10.60704	5.360181	-.002436

Sample Name: J3036-02 Acquired: 5/29/2018 15:17:00 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003337	.0013460	.4845009
Stddev	.001881	.0006129	.0005567
%RSD	56.37196	45.53782	.1148922

#1	-.002713	.0015944	.4851411
#2	-.005450	.0006478	.4842303
#3	-.001847	.0017957	.4841313

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.855	2536.693	63380.37	8062.843	4186.311
Stddev	9.354	11.316	56.07	9.242	10.617
%RSD	.3866921	.4460744	.0884708	.1146209	.2536035

#1	2428.521	2528.633	63439.64	8052.478	4180.227
#2	2409.849	2531.817	63373.31	8065.825	4180.135
#3	2418.195	2549.629	63328.17	8070.225	4198.570

Sample Name: J3036-03 Acquired: 5/29/2018 15:21:05 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004536	.0014867	.0031046	-.002051	-.002191	.0003813	.0681530
Stddev	.0023209	.0016754	.0012928	.002554	.000833	.0063959	.0057953
%RSD	511.6142	112.6911	41.64115	124.5525	38.00096	1677.632	8.503304

#1	-.002066	.0024108	.0027305	-.000186	-.003149	-.007003	.0748437
#2	.000922	-.000447	.0020402	-.001004	-.001635	.004188	.0647054
#3	.002505	.002497	.0045433	-.004963	-.001791	.003959	.0649099

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	-.000035	39.83688	.0008746	-.000844	.0010369	-.012095
Stddev	.000085	.000084	3.50909	.0001019	.000145	.0046117	.004905
%RSD	379.0747	239.7439	8.808649	11.65479	17.16010	444.7413	40.55165

#1	-.000120	-.000023	43.88503	.0007574	-.000698	.0022973	-.015565
#2	.000029	.000042	37.66093	.0009424	-.000847	-.004074	-.014237
#3	.000024	-.000125	37.96467	.0009240	-.000988	.004887	-.006484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023079	7.648451	.0022049	.0005088	15.58285	.0047656	.0171523
Stddev	.0003798	.644899	.0002990	.0002847	1.60019	.0022496	.0076969
%RSD	16.45560	8.431766	13.55964	55.95016	10.26889	47.20469	44.87367

#1	.0023589	8.387787	.0019300	.0002233	17.43024	.0026028	.0099992
#2	.0026597	7.201760	.0021615	.0007926	14.69005	.0046011	.0252968
#3	.0019052	7.355806	.0025232	.0005105	14.62827	.0070930	.0161608

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7678968	.0054321	.0703429	.0026476	6.573198	8.452076	-.002570
Stddev	.2611760	.0004211	.0047560	.0001600	.048898	.564423	.000892
%RSD	34.01186	7.752021	6.761177	6.042260	.7438959	6.677921	34.72037

#1	1.067243	.0050912	.0758053	.0027512	6.609071	9.098479	-.002563
#2	.649956	.0053023	.0671202	.0027283	6.593022	8.056792	-.003466
#3	.586492	.0059028	.0681033	.0024634	6.517501	8.200958	-.001682

Sample Name: J3036-03 Acquired: 5/29/2018 15:21:05 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9S3 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001702	.0008729	.1761635
Stddev	.000365	.0011498	.0155214
%RSD	21.47962	131.7212	8.810808

#1	-.001316	.0021389	.1940773
#2	-.001745	.0005862	.1667212
#3	-.002044	-.000106	.1676919

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2433.837	2560.738	63694.16	7730.172	4260.430
Stddev	14.260	14.317	279.18	543.395	25.822
%RSD	.5858926	.5591098	.4383148	7.029527	.6060861

#1	2446.215	2546.247	64015.88	7105.053	4233.403
#2	2418.244	2561.093	63550.92	8089.603	4263.040
#3	2437.052	2574.875	63515.67	7995.861	4284.848

Sample Name: J3036-04 Acquired: 5/29/2018 15:25:11 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006712	.0000880	.0042448	-.001815	-.001619	.0055632	.0642176
Stddev	.0022047	.0011459	.0008764	.001769	.001945	.0072321	.0001637
%RSD	328.4598	1301.895	20.64576	97.50433	120.1289	130.0005	.2549794

#1	.0027233	.0011302	.0035757	-.002664	-.000018	.0139141	.0640288
#2	-.001660	.0002729	.0039219	-.002999	-.003785	.0013762	.0643211
#3	.000950	-.001139	.0052368	.000219	-.001056	.0013992	.0643029

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000570	.0000526	37.55986	.0007839	-.000825	.0018794	-.011340
Stddev	.0000701	.0000664	.02199	.0001771	.000166	.0017227	.005038
%RSD	122.9207	126.0430	.0585553	22.59621	20.08807	91.66260	44.42463

#1	.0000665	.0000276	37.55318	.0009405	-.000813	.0037108	-.013971
#2	.0001220	.0001279	37.54199	.0008194	-.000996	.0016361	-.005531
#3	-.000017	.0000024	37.58442	.0005917	-.000665	.0002913	-.014517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018529	7.193221	.0020500	.0008444	14.71893	.0013688	.0176832
Stddev	.0003487	.069255	.0002532	.0000660	.04824	.0006092	.0042952
%RSD	18.81843	.9627754	12.35301	7.815948	.3277368	44.50410	24.28979

#1	.0020597	7.115699	.0022451	.0008205	14.75801	.0020711	.0127604
#2	.0020486	7.214981	.0017638	.0007938	14.73376	.0010521	.0196214
#3	.0014503	7.248982	.0021411	.0009191	14.66501	.0009832	.0206677

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6100797	.0057536	.0681814	.0024295	6.514785	8.070689	-.002133
Stddev	.0364490	.0003078	.0013886	.0001240	.041553	.020809	.000571
%RSD	5.974461	5.350360	2.036651	5.103848	.6378197	.2578348	26.76852

#1	.6187875	.0055735	.0674312	.0023167	6.467805	8.092220	-.002793
#2	.6413861	.0061091	.0673293	.0025623	6.529831	8.050686	-.001815
#3	.5700655	.0055783	.0697838	.0024095	6.546717	8.069161	-.001792

Sample Name: J3036-04 Acquired: 5/29/2018 15:25:11 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9S3D Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002781	.0012811	.1664391
Stddev	.002052	.0008362	.0002311
%RSD	73.77679	65.26716	.1388178

#1	-.001603	.0003886	.1666844
#2	-.001590	.0014086	.1662256
#3	-.005151	.0020462	.1664074

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.991	2564.082	64423.80	8047.626	4274.066
Stddev	3.568	10.674	123.25	25.790	17.084
%RSD	.1447429	.4162860	.1913179	.3204732	.3997040

#1	2465.333	2576.366	64505.49	8020.916	4291.551
#2	2468.376	2558.816	64282.02	8072.387	4273.232
#3	2461.264	2557.065	64483.88	8049.575	4257.414

Sample Name: CCV087 Acquired: 5/29/2018 15:50:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.837710	4.622323	23.78125	4.828203	4.959269	403.5764
Stddev	.044669	.053157	.19087	.030495	.033185	2.8353
%RSD	.9233488	1.150006	.8026050	.6315962	.6691546	.7025418

#1	4.851939	4.629298	23.88624	4.847230	4.977898	400.7530
#2	4.787660	4.566023	23.56094	4.793030	4.920955	406.4234
#3	4.873531	4.671648	23.89658	4.844349	4.978954	403.5530

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.702242	.4757409	2.355261	393.8578	14.15399	2.352497
Stddev	.043473	.0053469	.018934	2.2054	.06495	.019973
%RSD	.4480723	1.123920	.8039203	.5599393	.4589046	.8490319

#1	9.656744	.4727778	2.362432	391.5064	14.08140	2.363042
#2	9.743358	.4819134	2.333789	395.8801	14.17393	2.329461
#3	9.706625	.4725315	2.369563	394.1869	14.20663	2.364987

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.24111	396.8575	13.79018	392.6986	2.431449	1.131508
Stddev	.08778	3.3964	.07300	3.6110	.023577	.004610
%RSD	.6163603	.8558333	.5293533	.9195412	.9696696	.4074532

#1	14.14360	393.1424	13.70902	388.9674	2.441472	1.126380
#2	14.31380	399.8032	13.81103	396.1760	2.404516	1.132832
#3	14.26595	397.6270	13.85047	392.9523	2.448358	1.135311

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.0268	2.361786	14.02452	143.9750	F 6.899148	4.747258
Stddev	3.0765	.020268	.22622	.9443	.056060	.034962
%RSD	.7787960	.8581591	1.613031	.6558531	.8125658	.7364617

#1	391.9885	2.339038	13.84263	142.9861	6.919074	4.733574
#2	398.1400	2.368395	13.95310	144.8672	6.835847	4.786992
#3	394.9520	2.377924	14.27783	144.0717	6.942524	4.721207

Sample Name: CCV087 Acquired: 5/29/2018 15:50:42 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.763319	5.079625	4.581801	4.863041	4.703374	4.778187
Stddev	.030106	.040471	.055500	.034083	.031607	.024810
%RSD	.6320379	.7967283	1.211324	.7008575	.6719975	.5192343

#1	4.776609	5.093241	4.557302	4.873005	4.670636	4.753521
#2	4.728855	5.034102	4.645336	4.825087	4.733713	4.803138
#3	4.784493	5.111531	4.542766	4.891032	4.705772	4.777902

Elem	Sr4077
Units	ppm
Avg	4.724797
Stddev	.028047
%RSD	.5936104

#1	4.692461
#2	4.742512
#3	4.739418

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.070	2082.578	54781.82	7512.353	3123.335
Stddev	10.133	10.405	283.20	74.633	18.163
%RSD	.5084291	.4996123	.5169656	.9934751	.5815340

#1	2004.210	2076.798	55104.62	7549.565	3114.347
#2	1984.400	2094.589	54575.13	7426.430	3144.240
#3	1990.599	2076.346	54665.69	7561.063	3111.418

Sample Name: CCB087 Acquired: 5/29/2018 15:54:31 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000222	.0054616	.0009247	-.001457	-.000635	.0049782	-.000253
Stddev	.0021554	.0018439	.0011155	.003011	.000685	.0028036	.000352
%RSD	9729.691	33.76197	120.6419	206.6429	107.9092	56.31682	139.3819

#1	.0002772	.0072604	.0021176	-.001431	-.000057	.0069908	-.000072
#2	-.002249	.0035756	-.000093	-.004481	-.001391	.0017760	-.000659
#3	.002039	.0055487	.000749	.001541	-.000456	.0061677	-.000028

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000636	.0000818	.0123778	.0002811	.0001861	.0011760	.0051187
Stddev	.0000820	.0000564	.0220835	.0001185	.0001193	.0007139	.0073258
%RSD	128.9460	68.92995	178.4116	42.14931	64.08648	60.70486	143.1178

#1	.0000004	.0000763	.0374700	.0001976	.0003208	.0005891	.0105427
#2	.0000341	.0001407	.0037643	.0004167	.0001434	.0019707	-.003215
#3	.0001562	.0000284	-.004101	.0002290	.0000940	.0009682	.008028

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010925	.0236909	.0005698	.0005589	-.017538	.0015898	-.003773
Stddev	.0001618	.0259890	.0002771	.0003661	.066613	.0024270	.003272
%RSD	14.81249	109.7006	48.62812	65.51703	379.8121	152.6572	86.72915

#1	.0009524	.0435300	.0008661	.0009721	.019185	.0041312	-.007410
#2	.0010554	.0332710	.0005260	.0002750	.022631	.0013421	-.001071
#3	.0012697	-.005728	.0003172	.0004295	-.094431	-.000704	-.002837

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.079220	-.000437	.0062998	.0000543	.0238629	-.004036	-.000408
Stddev	.016154	.000200	.0003580	.0001918	.0039522	.001089	.000754
%RSD	20.39176	45.78874	5.682913	352.9962	16.56195	26.99045	185.0844

#1	-.065305	-.000250	.0067126	-.000060	.0206840	-.004412	-.001278
#2	-.096936	-.000648	.0060748	-.000053	.0282880	-.002809	.000062
#3	-.075418	-.000413	.0061119	.000276	.0226169	-.004888	-.000007

Sample Name: CCB087 Acquired: 5/29/2018 15:54:31 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB087 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001038	.0020936	.0001315
Stddev	.000407	.0001241	.0000425
%RSD	39.20598	5.926121	32.33739

#1	-.001453	.0020589	.0000916
#2	-.001021	.0019907	.0001762
#3	-.000639	.0022314	.0001267

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2461.115	2533.933	64922.87	7946.308	4235.405
Stddev	66.303	23.187	1756.40	44.791	40.125
%RSD	2.694029	.9150472	2.705364	.5636659	.9473654

#1	2416.966	2558.905	63607.79	7899.325	4280.229
#2	2429.020	2529.810	64243.30	7988.525	4223.145
#3	2537.358	2513.085	66917.52	7951.075	4202.840

Sample Name: J3036-05 Acquired: 5/29/2018 15:58:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0454949	.0550052	.0248182	.0558973	.1095649	2.150462	2.366513
Stddev	.0029720	.0027234	.0009737	.0014678	.0034442	.096165	.113922
%RSD	6.532674	4.951114	3.923206	2.625861	3.143491	4.471810	4.813911

#1	.0450192	.0574107	.0259421	.0545145	.1094201	2.261434	2.497874
#2	.0427894	.0520484	.0242805	.0574374	.1061954	2.091576	2.294791
#3	.0486761	.0555567	.0242319	.0557400	.1130792	2.098376	2.306875

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0598917	.0545486	38.11928	.2163251	.5365911	.2928588	1.178236
Stddev	.0020789	.0016465	1.96812	.0018527	.0161109	.0140224	.075017
%RSD	3.471068	3.018393	5.163061	.8564283	3.002459	4.788104	6.366933

#1	.0622832	.0546483	40.39182	.2183573	.5387693	.3087458	1.257939
#2	.0588761	.0528546	36.97013	.2158877	.5195019	.2822080	1.109004
#3	.0585159	.0561430	36.99589	.2147302	.5515022	.2876226	1.167764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5694187	7.252593	.5706014	.0480766	14.78966	.6008525	.5218423
Stddev	.0294897	.319155	.0166344	.0003399	.86693	.0282425	.0105121
%RSD	5.178913	4.400558	2.915239	.7069641	5.861743	4.700403	2.014411

#1	.6034017	7.619171	.5703297	.0481607	15.78988	.6329373	.5188034
#2	.5505536	7.036513	.5541045	.0483664	14.25416	.5898658	.5131844
#3	.5543009	7.102095	.5873700	.0477025	14.32496	.5797543	.5335390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6766202	.0128190	.0725434	.0023410	6.545051	8.161769	-.001469
Stddev	.1181879	.0002876	.0026212	.0002995	.169337	.303688	.000531
%RSD	17.46739	2.243269	3.613344	12.79458	2.587252	3.720859	36.10467

#1	.8130881	.0131499	.0755021	.0026144	6.532448	8.512433	-.001560
#2	.6075172	.0126293	.0705115	.0020208	6.382367	7.988019	-.000899
#3	.6092553	.0126779	.0716164	.0023878	6.720337	7.984855	-.001949

Sample Name: J3036-05 Acquired: 5/29/2018 15:58:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S3S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.003918	.0019502	.1677506
Stddev	.000270	.0009522	.0080160
%RSD	6.888779	48.82402	4.778507

#1	-.004146	.0022157	.1769673
#2	-.003988	.0027413	.1624035
#3	-.003620	.0008934	.1638811

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.985	2558.495	64530.02	7937.685	4244.975
Stddev	2.819	71.443	306.72	271.934	123.874
%RSD	.1138393	2.792384	.4753119	3.425860	2.918136

#1	2476.463	2566.166	64238.47	7623.976	4258.246
#2	2472.958	2625.793	64501.65	8082.777	4361.680
#3	2478.534	2483.526	64849.94	8106.301	4115.000

Sample Name: J3036-03LX5 Acquired: 5/29/2018 16:02:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MGA9S3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004689	.0021052	.0021211	.0000478	-.000598	.0095070	.0122611
Stddev	.001345	.0013415	.0011187	.0038291	.000387	.0089198	.0008834
%RSD	28.69057	63.72493	52.74147	8013.159	64.73699	93.82312	7.204831

#1	-.003932	.0035044	.0010484	.0026617	-.000704	.0039814	.0118899
#2	-.003894	.0008300	.0032807	.0018292	-.000920	.0047423	.0116238
#3	-.006243	.0019812	.0020343	-.004348	-.000169	.0197972	.0132695

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	.0000336	7.355391	.0087344	-.000112	.0028892	.0341324
Stddev	.000025	.0000479	.071621	.0004953	.000133	.0016438	.0046886
%RSD	797.9605	142.4570	.9737226	5.670588	119.6480	56.89364	13.73650

#1	-.000025	-.000021	7.284437	.0081995	-.000249	.0043365	.0318993
#2	-.000008	.000057	7.354076	.0088265	-.000102	.0011021	.0309778
#3	.000024	.000065	7.427661	.0091772	.000017	.0032289	.0395201

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008062	1.417820	.0060424	.0006789	2.839689	.0063758	-.001834
Stddev	.0005780	.024742	.0002009	.0001912	.100619	.0039388	.009108
%RSD	71.69070	1.745057	3.323967	28.16337	3.543315	61.77794	496.5488

#1	.0001506	1.435861	.0061031	.0008690	2.755171	.0098653	.006643
#2	.0010259	1.427985	.0058182	.0004866	2.812907	.0071574	-.011463
#3	.0012422	1.389615	.0062059	.0006810	2.950990	.0021048	-.000683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.078508	.0012006	.0131623	.0013371	1.288994	1.566059	-.000748
Stddev	.052067	.0003532	.0005664	.0002939	.025055	.019283	.001501
%RSD	66.32096	29.41884	4.303084	21.97927	1.943744	1.231319	200.6234

#1	-.073783	.0016028	.0135145	.0013162	1.288919	1.566584	-.001743
#2	-.132776	.0009406	.0125090	.0016409	1.314087	1.546518	-.001479
#3	-.028964	.0010585	.0134635	.0010543	1.263977	1.585074	.000978

Sample Name: J3036-03LX5 Acquired: 5/29/2018 16:02:40 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MGA9S3L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001225	.0003491	.0328077
Stddev	.000862	.0010324	.0001719
%RSD	70.33061	295.6888	.5238382

#1	-.001380	.0015057	.0326104
#2	-.001999	-.000479	.0328878
#3	-.000297	.000021	.0329248

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.032	2505.735	62278.47	7974.233	4204.999
Stddev	31.529	34.628	574.86	81.220	59.226
%RSD	1.331452	1.381937	.9230444	1.018527	1.408460

#1	2399.481	2500.745	62903.32	8021.525	4198.245
#2	2336.423	2473.873	61772.06	8020.725	4149.440
#3	2368.191	2542.587	62160.02	7880.450	4267.312

Sample Name: J3029-01 Acquired: 5/29/2018 16:06:47 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0738746	.0030982	1.686964	.0070713	.0036838	67.54984	1.630560
Stddev	.0030571	.0022430	.011749	.0006296	.0009290	.35912	.013500
%RSD	4.138240	72.39900	.6964304	8.903991	25.21802	.5316362	.8279297

#1	.0731424	.0056867	1.694112	.0072695	.0036217	67.96366	1.645642
#2	.0712501	.0018814	1.693375	.0063664	.0027874	67.36604	1.619607
#3	.0772313	.0017264	1.673404	.0075780	.0046423	67.31982	1.626430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077913	.0072984	13.35054	.0967604	.0908175	.3390896	136.8588
Stddev	.0002451	.0000884	.09595	.0015424	.0010991	.0048016	.3465
%RSD	3.146133	1.210641	.7186839	1.594047	1.210209	1.416014	.2531461

#1	.0078552	.0073034	13.46112	.0958030	.0916700	.3376634	137.1586
#2	.0075205	.0073841	13.30114	.0959385	.0912055	.3351628	136.4795
#3	.0079981	.0072077	13.28936	.0985397	.0895771	.3444427	136.9383

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.287987	3.330272	.0954282	-.000587	.9034837	.1573652	2.173470
Stddev	.092723	.039239	.0006696	.000576	.0470489	.0049290	.019202
%RSD	.9983148	1.178247	.7016807	98.12912	5.207496	3.132204	.8834901

#1	9.387343	3.310304	.0958131	-.000155	.9275090	.1625356	2.159014
#2	9.203755	3.305034	.0958165	-.000365	.8492729	.1568405	2.166138
#3	9.272863	3.375479	.0946550	-.001240	.9336692	.1527196	2.195258

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.169885	.9188186	.1438899	.0061542	1.948907	16.25931	.0411899
Stddev	.084791	.0098848	.0003697	.0001199	.022145	.16176	.0011685
%RSD	2.674889	1.075816	.2569499	1.948276	1.136296	.9948580	2.836846

#1	3.253869	.9290936	.1442556	.0062420	1.972509	16.32676	.0401472
#2	3.171476	.9179854	.1438978	.0062030	1.945628	16.07474	.0409697
#3	3.084310	.9093767	.1435163	.0060176	1.928584	16.37642	.0424529

Sample Name: J3029-01 Acquired: 5/29/2018 16:06:47 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATD8 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7997466	.0523189	.1055283
Stddev	.0072621	.0010191	.0011791
%RSD	.9080464	1.947858	1.117318

#1	.8080805	.0534441	.1068354
#2	.7947747	.0514579	.1045448
#3	.7963847	.0520548	.1052046

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2796.232	2904.563	74400.43	9386.788	4053.082
Stddev	27.103	25.588	753.64	40.943	42.250
%RSD	.9692841	.8809477	1.012952	.4361761	1.042413

#1	2826.694	2889.549	75077.87	9339.593	4025.196
#2	2787.215	2890.033	74534.77	9407.984	4032.358
#3	2774.786	2934.108	73588.66	9412.787	4101.693

Sample Name: J3029-02 Acquired: 5/29/2018 16:10:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0805791	.0021784	1.765726	.0064777	.0045569	67.37854	1.639190
Stddev	.0006869	.0022394	.058368	.0021827	.0016906	.31369	.007501
%RSD	.8524064	102.8011	3.305625	33.69584	37.09902	.4655584	.4575733

#1	.0805113	.0000748	1.807402	.0085771	.0043577	67.18265	1.641023
#2	.0799286	.0045325	1.699016	.0066357	.0063383	67.21264	1.630943
#3	.0812973	.0019278	1.790760	.0042203	.0029748	67.74034	1.645605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078495	.0079116	13.38034	.1014723	.0949329	.3343446	136.5248
Stddev	.0001442	.0003656	.03419	.0010567	.0034434	.0013545	.6033
%RSD	1.837423	4.620577	.2555131	1.041364	3.627194	.4051345	.4418766

#1	.0077995	.0081594	13.37857	.1002744	.0980087	.3328496	135.9739
#2	.0077369	.0074917	13.34707	.1018699	.0912129	.3346939	136.4312
#3	.0080120	.0080835	13.41538	.1022724	.0955770	.3354903	137.1695

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.294008	3.302265	.0989824	-.001068	.7537581	.1579428	2.210404
Stddev	.055117	.031567	.0028441	.000389	.1929179	.0038350	.056906
%RSD	.5930368	.9559070	2.873294	36.39306	25.59414	2.428065	2.574450

#1	9.292720	3.265898	.1008256	-.000788	.9373383	.1591842	2.157504
#2	9.239547	3.318316	.0957070	-.000904	.5526929	.1610032	2.203097
#3	9.349758	3.322580	.1004148	-.001512	.7712431	.1536409	2.270610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.130656	.9555011	.1397966	.0065489	2.019667	16.44582	.0439407
Stddev	.033540	.0359586	.0025862	.0003543	.070066	.09614	.0031174
%RSD	1.071336	3.763322	1.849950	5.410240	3.469203	.5846002	7.094556

#1	3.106263	.9814866	.1368949	.0067643	2.071603	16.50350	.0459351
#2	3.116801	.9144622	.1406362	.0061399	1.939975	16.33483	.0403483
#3	3.168903	.9705544	.1418586	.0067424	2.047424	16.49912	.0455387

Sample Name: J3029-02 Acquired: 5/29/2018 16:10:48 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7835598	.0521230	.1050846
Stddev	.0121632	.0006767	.0004250
%RSD	1.552304	1.298281	.4044678

#1	.7826325	.0518925	.1051374
#2	.7718867	.0515916	.1046356
#3	.7961601	.0528848	.1054807

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.611	2829.051	72308.48	9360.691	3907.988
Stddev	23.154	71.343	802.83	22.306	123.740
%RSD	.8501344	2.521813	1.110289	.2382959	3.166328

#1	2749.352	2776.087	73235.51	9337.321	3818.456
#2	2717.003	2910.177	71844.75	9381.753	4049.188
#3	2704.480	2800.889	71845.18	9362.999	3856.319

Sample Name: J3029-03 Acquired: 5/29/2018 16:14:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1436950	.0794316	1.981184	.0229060	.0693032	74.89439	5.435774
Stddev	.0016622	.0015414	.006999	.0018781	.0015523	2.83274	.214587
%RSD	1.156735	1.940547	.3532583	8.199226	2.239918	3.782306	3.947674

#1	.1440728	.0777519	1.979269	.0249597	.0709950	78.16114	5.683111
#2	.1418765	.0797617	1.975342	.0224823	.0689703	73.40470	5.324980
#3	.1451358	.0807813	1.988941	.0212758	.0679443	73.11733	5.299232

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0966101	.1004109	13.08578	.4998635	1.030970	.7998822	172.4391
Stddev	.0038842	.0006952	.55960	.0022802	.004652	.0226696	6.2290
%RSD	4.020517	.6923866	4.276371	.4561616	.4512658	2.834121	3.612299

#1	.1010716	.0997348	13.72955	.4972659	1.028286	.8260584	179.6284
#2	.0947771	.1003740	12.81206	.5007904	1.028283	.7866591	168.6538
#3	.0939815	.1011238	12.71574	.5015343	1.036342	.7869292	169.0352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.30547	3.424207	1.088362	.0722391	.7985586	1.136269	2.949344
Stddev	.45486	.086581	.005565	.0006414	.1582568	.049440	.031048
%RSD	4.413737	2.528503	.5113334	.8879396	19.81781	4.351085	1.052712

#1	10.83001	3.523401	1.083780	.0728926	.6159708	1.192708	2.964632
#2	10.06628	3.363804	1.086751	.0716104	.8962952	1.115484	2.969784
#3	10.02011	3.385417	1.094555	.0722143	.8834096	1.100614	2.913617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.476262	.8486710	.1737146	.0071254	1.820335	14.40605	.0411503
Stddev	.246172	.0013787	.0045932	.0004806	.003874	.59877	.0011203
%RSD	7.081508	.1624525	2.644103	6.745300	.2127918	4.156381	2.722567

#1	3.760417	.8494210	.1787668	.0067704	1.824126	15.09142	.0398592
#2	3.340682	.8470798	.1697908	.0076724	1.816384	14.14223	.0417258
#3	3.327686	.8495120	.1725861	.0069334	1.820495	13.98449	.0418659

Sample Name: J3029-03 Acquired: 5/29/2018 16:14:49 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATD8S Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7052644	.0554865	.1060892
Stddev	.0273774	.0031342	.0042605
%RSD	3.881856	5.648569	4.015940

#1	.7367949	.0587547	.1110084
#2	.6914714	.0551985	.1036807
#3	.6875269	.0525062	.1035784

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2612.319	2744.194	69546.43	8653.779	4037.457
Stddev	4.882	6.679	161.30	338.216	9.479
%RSD	.1868699	.2433780	.2319350	3.908307	.2347846

#1	2611.658	2746.616	69673.80	8264.948	4045.581
#2	2617.497	2749.325	69600.45	8816.607	4039.749
#3	2607.802	2736.643	69365.05	8879.784	4027.042

Sample Name: J3029-01LX5 Acquired: 5/29/2018 16:18:44 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190045	.0008783	.3495809	-.000550	-.000633	14.70527	.3594010
Stddev	.0015220	.0037400	.0075092	.001034	.001327	1.31791	.0311236
%RSD	8.008753	425.8045	2.148061	188.0788	209.8650	8.962194	8.659853

#1	.0185133	-.001340	.3579945	-.001743	.000818	15.98857	.3893405
#2	.0207114	.005196	.3471898	.000071	-.000929	13.35527	.3272150
#3	.0177887	-.001221	.3435584	.000023	-.001786	14.77196	.3616474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017935	.0014299	2.919477	.0229527	.0181813	.0763217	30.11023
Stddev	.0000699	.0001072	.264565	.0002550	.0003954	.0068777	2.63873
%RSD	3.897600	7.499498	9.062076	1.110933	2.175006	9.011453	8.763554

#1	.0018732	.0013083	3.177350	.0226825	.0183557	.0836470	32.77433
#2	.0017425	.0015106	2.648693	.0231891	.0177286	.0700025	27.49763
#3	.0017647	.0014710	2.932388	.0229865	.0184596	.0753157	30.05873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.001408	.7017937	.0197602	-.000022	.0173629	.0334506	.4895915
Stddev	.182417	.0246184	.0002025	.000188	.1286851	.0034308	.0098061
%RSD	9.114450	3.507921	1.024639	868.3383	741.1479	10.25640	2.002906

#1	2.174712	.7301909	.0196187	.000195	-.107726	.0359707	.4992962
#2	1.811072	.6887205	.0199921	-.000143	.149366	.0295434	.4796871
#3	2.018442	.6864698	.0196697	-.000116	.010449	.0348376	.4897913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4842017	.1888097	.0273217	.0013014	.4198971	3.756340	.0083309
Stddev	.2111574	.0034093	.0025843	.0001210	.0066614	.287803	.0003535
%RSD	43.60939	1.805657	9.458705	9.300500	1.586441	7.661803	4.243638

#1	.7055328	.1927440	.0291216	.0013198	.4275788	4.024830	.0086452
#2	.2849536	.1869608	.0243605	.0014123	.4164002	3.452491	.0083993
#3	.4621189	.1867242	.0284829	.0011723	.4157124	3.791698	.0079481

Sample Name: J3029-01LX5 Acquired: 5/29/2018 16:18:44 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATD8L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1743666	.0101913	.0229410
Stddev	.0179942	.0016696	.0020108
%RSD	10.31975	16.38288	8.765251

#1	.1849887	.0112231	.0248060
#2	.1535904	.0082650	.0208107
#3	.1845206	.0110858	.0232063

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2477.953	2591.417	65422.15	8544.655	4154.733
Stddev	20.053	32.902	131.11	660.757	59.095
%RSD	.8092394	1.269637	.2004127	7.732981	1.422355

#1	2462.190	2554.569	65304.63	7927.843	4087.046
#2	2500.523	2601.826	65563.57	9241.978	4181.088
#3	2471.146	2617.854	65398.26	8464.143	4196.064

Sample Name: J3026-15 Acquired: 5/29/2018 16:26:58 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1952391	-.021928	2.404358	.0196300	.0142390	162.1032	3.406642
Stddev	.0017729	.001605	.022458	.0042870	.0030065	.7511	.014207
%RSD	.9080840	7.319990	.9340535	21.83880	21.11467	.4633297	.4170307

#1	.1955962	-.023737	2.409975	.0146872	.0162585	162.1860	3.395779
#2	.1933148	-.021376	2.379625	.0223338	.0107838	161.3142	3.401428
#3	.1968062	-.020672	2.423475	.0218692	.0156748	162.8095	3.422719

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280057	.0194783	287.1878	.4067770	.1676914	.3803281	494.8731
Stddev	.0005064	.0002657	.3100	.0475493	.0016808	.0026369	4.1333
%RSD	1.808007	1.364253	.1079564	11.68927	1.002320	.6933344	.8352327

#1	.0280051	.0197498	286.8313	.3898788	.1676177	.3788838	497.5246
#2	.0274997	.0192188	287.3373	.3699848	.1660486	.3787289	490.1105
#3	.0285124	.0194663	287.3947	.4604673	.1694078	.3833717	496.9842

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.67655	45.33857	.1485643	-.009479	3.372545	.6848923	5.184786
Stddev	.03711	.33512	.0013004	.005511	.119786	.0135318	.366026
%RSD	.1636629	.7391406	.8752826	58.13822	3.551791	1.975761	7.059625

#1	22.66542	45.52161	.1490972	-.007924	3.503227	.6848331	5.081004
#2	22.71795	44.95180	.1470822	-.004913	3.267957	.6713902	4.881857
#3	22.64627	45.54231	.1495136	-.015600	3.346452	.6984537	5.591497

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.93041	1.434738	.5559229	.0148539	10.74086	10.65435	.1154341
Stddev	.13476	.009160	.0156459	.0005185	.09799	.24358	.0008144
%RSD	.9673571	.6384433	2.814397	3.490727	.9123400	2.286161	.7055434

#1	13.88513	1.440526	.5702260	.0143427	10.76597	10.55924	.1153236
#2	13.82412	1.424177	.5583295	.0148397	10.63276	10.47268	.1146806
#3	14.08197	1.439511	.5392131	.0153794	10.82386	10.93113	.1162982

Sample Name: J3026-15 Acquired: 5/29/2018 16:26:58 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATD2 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.040115	.1562611	.7047519
Stddev	.015170	.0008514	.0025658
%RSD	.7435811	.5448449	.3640698

#1	2.042171	.1555270	.7043632
#2	2.024022	.1560617	.7024026
#3	2.054153	.1571944	.7074898

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.805	2932.725	73222.44	9983.369	3558.970
Stddev	202.727	18.132	5750.20	27.759	30.255
%RSD	7.420999	.6182644	7.853062	.2780555	.8501184

#1	2795.665	2933.352	75164.40	9973.588	3553.650
#2	2894.913	2950.535	77750.22	10014.69	3591.532
#3	2504.837	2914.287	66752.69	9961.82	3531.727

Sample Name: J3026-16 Acquired: 5/29/2018 16:30:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2013605	-.019279	2.385949	.0220869	.0128160	165.4950	3.469384
Stddev	.0013668	.004355	.014647	.0043829	.0007313	5.7698	.118411
%RSD	.6787688	22.58810	.6139032	19.84408	5.706054	3.486401	3.413029

#1	.2017380	-.022663	2.369933	.0216566	.0130678	161.8487	3.399856
#2	.1998446	-.014366	2.398664	.0179350	.0119921	172.1472	3.606106
#3	.2024988	-.020808	2.389251	.0266691	.0133882	162.4893	3.402188

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280406	.0186624	292.2208	.3909866	.1658335	.3877665	504.8693
Stddev	.0005447	.0006254	9.6822	.0057189	.0004666	.0113395	18.0670
%RSD	1.942570	3.351281	3.313327	1.462685	.2813548	2.924303	3.578545

#1	.0276012	.0190208	285.4816	.3922960	.1655708	.3803554	492.2741
#2	.0286500	.0179402	303.3159	.3847265	.1663722	.4008203	525.5695
#3	.0278705	.0190261	287.8649	.3959372	.1655575	.3821237	496.7642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.00467	46.66823	.1466375	-.006164	3.359215	.7040891	5.100353
Stddev	.84392	1.50365	.0008188	.002374	.072182	.0227150	.076211
%RSD	3.668458	3.221989	.5584154	38.51637	2.148787	3.226151	1.494229

#1	22.44720	45.56723	.1457333	-.007618	3.329026	.6936428	5.044623
#2	23.97558	48.38140	.1473291	-.003424	3.441591	.7301479	5.187199
#3	22.59122	46.05605	.1468499	-.007449	3.307029	.6884766	5.069237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.21219	1.430025	.5818783	.0148968	10.73225	10.60883	.1160906
Stddev	.54258	.008828	.0292396	.0001753	.07596	.24939	.0009359
%RSD	3.817707	.6173085	5.025040	1.176820	.7078176	2.350782	.8062139

#1	13.89029	1.424067	.5660226	.0150307	10.67860	10.41621	.1151542
#2	14.83863	1.440167	.6156209	.0149613	10.81917	10.89052	.1160915
#3	13.90765	1.425842	.5639914	.0146983	10.69897	10.51975	.1170261

Sample Name: J3026-16 Acquired: 5/29/2018 16:30:54 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.080306	.1583442	.7173782
Stddev	.072834	.0059453	.0251374
%RSD	3.501144	3.754694	3.504060

#1	2.034996	.1548873	.7018517
#2	2.164321	.1652092	.7463801
#3	2.041600	.1549360	.7039027

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2792.181	2942.597	74888.26	9897.260	3582.394
Stddev	9.862	13.378	372.90	242.380	21.654
%RSD	.3531982	.4546220	.4979378	2.448962	.6044492

#1	2800.090	2953.368	74848.63	10080.91	3601.566
#2	2795.323	2927.623	75279.38	9622.53	3558.907
#3	2781.131	2946.802	74536.75	9988.34	3586.708

Sample Name: J3026-17 Acquired: 5/29/2018 16:34:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATE2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2624902	.0440724	2.575012	.0327337	.0530144	170.3924	6.717874
Stddev	.0088398	.0020692	.006097	.0073818	.0021662	.7799	.050286
%RSD	3.367666	4.694939	.2367718	22.55119	4.086079	.4576892	.7485474

#1	.2545640	.0456933	2.568743	.0406374	.0537240	171.1817	6.775149
#2	.2608835	.0417417	2.575372	.0260178	.0505823	169.6223	6.680968
#3	.2720232	.0447821	2.580921	.0315459	.0547368	170.3732	6.697505

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1036534	.1171608	311.2367	.7233337	1.147227	.8666886	554.6430
Stddev	.0001642	.0006234	2.1736	.0020835	.002982	.0056224	1.7795
%RSD	.1583862	.5320591	.6983894	.2880373	.2599130	.6487188	.3208397

#1	.1037603	.1167741	313.6980	.7228961	1.144183	.8711973	556.4088
#2	.1034644	.1168284	309.5805	.7256012	1.147355	.8603889	552.8501
#3	.1037357	.1178800	310.4316	.7215038	1.150142	.8684797	554.6702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.88911	57.33956	1.155216	.0581814	4.375702	1.540242	6.366117
Stddev	.15478	.17532	.001685	.0003845	.109092	.014799	.036266
%RSD	.5549796	.3057617	.1458918	.6609068	2.493125	.9608208	.5696724

#1	28.06718	57.38617	1.154857	.0580220	4.460238	1.555156	6.397409
#2	27.78686	57.14564	1.153738	.0579022	4.252556	1.540008	6.326370
#3	27.81327	57.48686	1.157051	.0586200	4.414311	1.525561	6.374571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.06793	1.464322	.6276555	.0106439	10.92297	13.82659	.1226380
Stddev	.06374	.005341	.0094861	.0002539	.03954	.02539	.0015507
%RSD	.4531136	.3647194	1.511357	2.385035	.3619861	.1836598	1.264482

#1	14.13522	1.458198	.6374026	.0103549	10.88252	13.85550	.1220458
#2	14.00846	1.468013	.6271101	.0108306	10.92485	13.80790	.1214706
#3	14.06011	1.466756	.6184538	.0107464	10.96153	13.81636	.1243975

Sample Name: J3026-17 Acquired: 5/29/2018 16:34:50 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.647677	.1643907	.7362934
Stddev	.012602	.0024107	.0056513
%RSD	.4759465	1.466428	.7675358

#1	2.659500	.1671742	.7424700
#2	2.634420	.1630269	.7313818
#3	2.649110	.1629711	.7350284

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.525	2931.754	75276.84	10048.18	3532.831
Stddev	12.810	8.381	231.75	19.04	9.092
%RSD	.4582502	.2858633	.3078662	.1894543	.2573606

#1	2781.119	2941.431	75101.70	10026.21	3540.731
#2	2805.636	2927.023	75189.20	10058.57	3534.869
#3	2799.820	2926.809	75539.64	10059.77	3522.893

Sample Name: J3026-15LX5 Acquired: 5/29/2018 16:38:45 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512912	.0007683	.5018063	.0069931	.0021618	39.21065	.8296178
Stddev	.0014951	.0025275	.0043686	.0005117	.0015185	.22459	.0054462
%RSD	2.914923	328.9777	.8705701	7.316867	70.24049	.5727817	.6564737

#1	.0530082	.0023827	.5025021	.0075233	.0005686	39.46430	.8359012
#2	.0505888	.0020666	.5057853	.0065022	.0023242	39.03705	.8262514
#3	.0502767	-.002144	.4971316	.0069539	.0035925	39.13060	.8267007

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072684	.0029629	71.58275	.1014450	.0334691	.0982004	124.7856
Stddev	.0000671	.0001005	.50667	.0001689	.0000273	.0012556	.4150
%RSD	.9233567	3.391021	.7078070	.1665236	.0816122	1.278639	.3325464

#1	.0072938	.0029368	72.08834	.1012953	.0334762	.0969665	125.1180
#2	.0073190	.0030738	71.07501	.1016282	.0334921	.0981581	124.9183
#3	.0071922	.0028781	71.58491	.1014115	.0334389	.0994767	124.3205

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.582282	11.45725	.0307757	-.001135	.7130187	.1691487	1.222271
Stddev	.030141	.09671	.0004759	.000387	.0839670	.0002966	.016133
%RSD	.5399426	.8441133	1.546479	34.14251	11.77627	.1753401	1.319940

#1	5.609319	11.54845	.0312755	-.001543	.7654100	.1693279	1.205611
#2	5.549783	11.46746	.0307235	-.000773	.6161702	.1688064	1.237821
#3	5.587745	11.35584	.0303279	-.001088	.7574758	.1693118	1.223380

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.174708	.2870233	.1397951	.0034755	2.143830	2.716687	.0219526
Stddev	.036422	.0040947	.0008406	.0001100	.015535	.020354	.0004655
%RSD	1.147249	1.426600	.6013038	3.165027	.7246183	.7492207	2.120453

#1	3.145664	.2859907	.1388810	.0033536	2.141530	2.740093	.0221480
#2	3.215572	.2915354	.1405349	.0035675	2.160387	2.706839	.0222885
#3	3.162888	.2835437	.1399693	.0035052	2.129574	2.703131	.0214212

Sample Name: J3026-15LX5 Acquired: 5/29/2018 16:38:45 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATD2L Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5119314	.0367139	.1758211
Stddev	.0013915	.0005797	.0008437
%RSD	.2718050	1.579095	.4798754

#1	.5124778	.0362251	.1767951
#2	.5129667	.0373544	.1753524
#3	.5103497	.0365621	.1753157

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.597	2589.918	65399.21	8383.922	3947.405
Stddev	2.440	16.297	87.38	53.763	29.768
%RSD	.0984076	.6292312	.1336161	.6412585	.7541038

#1	2482.414	2606.359	65320.92	8335.778	3976.508
#2	2478.251	2573.769	65383.24	8441.936	3917.015
#3	2478.126	2589.626	65493.48	8374.051	3948.691

Sample Name: J3026-18 Acquired: 5/29/2018 16:42:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3959291	-.023753	5.751720	.0145839	.0186542	125.3434	5.547815
Stddev	.0086526	.007635	.176948	.0065945	.0019584	5.1346	.217086
%RSD	2.185382	32.14544	3.076434	45.21734	10.49824	4.096412	3.913006

#1	.4023823	-.015431	5.906943	.0215212	.0208911	131.2627	5.797324
#2	.3860969	-.025390	5.559044	.0138342	.0172490	122.0915	5.402199
#3	.3993081	-.030436	5.789173	.0083963	.0178224	122.6760	5.443921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215873	.0479045	317.2275	.3413365	.1635295	.9860834	454.8680
Stddev	.0007206	.0014882	13.0103	.0037274	.0048940	.0387434	20.4958
%RSD	3.338020	3.106548	4.101250	1.092010	2.992730	3.929021	4.505878

#1	.0224175	.0489380	332.2196	.3415973	.1669176	1.030752	478.5344
#2	.0212214	.0461988	308.8979	.3374855	.1579186	.961610	443.0876
#3	.0211231	.0485766	310.5649	.3449266	.1657523	.965888	442.9820

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.23731	55.16214	.2362312	-.005269	3.889432	.4902610	12.50062
Stddev	.87692	2.44023	.0072913	.001514	.077928	.0242078	.17777
%RSD	4.333172	4.423747	3.086507	28.72960	2.003586	4.937738	1.422099

#1	21.24785	57.97984	.2428894	-.003521	3.975014	.5180998	12.70332
#2	19.67639	53.74012	.2284396	-.006182	3.870717	.4785257	12.37121
#3	19.78770	53.76647	.2373646	-.006103	3.822566	.4741576	12.42732

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.62609	4.369737	.5420616	.0264878	23.40214	13.78385	.2721415
Stddev	.62805	.140526	.0356657	.0005723	.73089	.45395	.0079730
%RSD	4.294067	3.215889	6.579631	2.160779	3.123155	3.293335	2.929740

#1	15.34969	4.474226	.5830462	.0271402	23.98312	14.30747	.2786839
#2	14.22234	4.209979	.5250677	.0260701	22.58152	13.50121	.2632607
#3	14.30626	4.425006	.5180710	.0262531	23.64177	13.54286	.2744798

Sample Name: J3026-18 Acquired: 5/29/2018 16:42:49 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.960707	.1629758	1.092024
Stddev	.083457	.0057504	.044130
%RSD	4.256476	3.528372	4.041133

#1	2.056738	.1695653	1.142853
#2	1.905721	.1589737	1.063485
#3	1.919662	.1603882	1.069734

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2691.340	2721.133	72282.87	9823.573	3455.977
Stddev	15.496	56.757	687.37	334.498	98.330
%RSD	.5757653	2.085787	.9509491	3.405058	2.845215

#1	2685.413	2669.330	71824.58	9437.400	3369.214
#2	2708.925	2781.801	73073.23	10010.17	3562.785
#3	2679.683	2712.270	71950.80	10023.15	3435.932

Sample Name: J3026-19 Acquired: 5/29/2018 16:46:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2386970	-.010848	1.309622	.0273785	.0189183	103.0879	3.308669
Stddev	.0028619	.001880	.007131	.0029882	.0026626	.3353	.013341
%RSD	1.198976	17.33460	.5445420	10.91453	14.07399	.3252355	.4032089

#1	.2358786	-.012815	1.302023	.0240090	.0168235	103.4569	3.322763
#2	.2416005	-.009068	1.310673	.0284198	.0180167	102.8020	3.296238
#3	.2386119	-.010660	1.316169	.0297069	.0219145	103.0048	3.307005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0171280	.0050469	29.83158	.3421673	.1487436	.2397494	597.8355
Stddev	.0003130	.0002106	.18119	.0023586	.0007299	.0017453	1.6764
%RSD	1.827675	4.171955	.6073801	.6893172	.4907054	.7279581	.2804114

#1	.0170171	.0048655	30.02211	.3404665	.1479143	.2416640	599.7649
#2	.0168854	.0052778	29.66146	.3411755	.1490281	.2393368	597.0063
#3	.0174814	.0049976	29.81117	.3448598	.1492884	.2382473	596.7353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.76706	6.636759	.0923959	-.006397	2.789518	.7966474	1.303413
Stddev	.11748	.071018	.0009715	.000342	.064007	.0081764	.007519
%RSD	.4942804	1.070070	1.051477	5.343014	2.294566	1.026350	.5768874

#1	23.87455	6.621724	.0913123	-.006029	2.768868	.7900658	1.306246
#2	23.64165	6.714090	.0926864	-.006456	2.861301	.7940760	1.294889
#3	23.78498	6.574462	.0931891	-.006705	2.738385	.8058004	1.309104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.345041	1.309379	.6083624	.0157824	20.52829	13.37142	.0789854
Stddev	.048132	.004645	.0041340	.0001886	.10838	.08076	.0000579
%RSD	.6552973	.3547784	.6795243	1.194710	.5279390	.6039415	.0732997

#1	7.389438	1.305515	.6082697	.0159593	20.47276	13.44372	.0790198
#2	7.293888	1.308089	.6125419	.0155841	20.45892	13.28427	.0789185
#3	7.351798	1.314533	.6042755	.0158037	20.65317	13.38628	.0790178

Sample Name: J3026-19 Acquired: 5/29/2018 16:46:43 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.208635	.1040419	.3286351
Stddev	.004217	.0003632	.0012385
%RSD	.3488949	.3491262	.3768592

#1	1.213275	.1038378	.3297595
#2	1.205035	.1044613	.3273076
#3	1.207597	.1038266	.3288382

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2563.510	2685.178	68437.40	8905.596	3812.446
Stddev	9.426	8.839	187.92	37.839	14.552
%RSD	.3677178	.3291891	.2745907	.4248878	.3816891

#1	2573.210	2687.403	68532.07	8862.203	3825.270
#2	2562.936	2692.693	68559.17	8922.878	3815.435
#3	2554.384	2675.439	68220.97	8931.709	3796.631

Sample Name: J3026-20 Acquired: 5/29/2018 16:50:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5629107	-.037225	3.909978	.0383924	.0329710	145.2886
Stddev	.0015513	.004537	.015490	.0054149	.0002307	.1969
%RSD	.2755854	12.18792	.3961694	14.10403	.6996504	.1355080

#1	.5644978	-.037071	3.918765	.0332015	.0327095	145.4906
#2	.5628365	-.041837	3.919078	.0379693	.0331459	145.2779
#3	.5613979	-.032767	3.892093	.0440064	.0330575	145.0973

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.319633	.0282929	.0233553	166.0366	.4208790	.1993297
Stddev	.009535	.0001533	.0002384	.5054	.0015356	.0009606
%RSD	.1792483	.5416386	1.020845	.3043960	.3648537	.4819271

#1	5.320131	.0282935	.0232789	165.8669	.4195534	.1995090
#2	5.309858	.0281394	.0236225	165.6379	.4205220	.2001881
#3	5.328909	.0284459	.0231644	166.6051	.4225617	.1982921

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.165291	F 907.9408	28.11345	20.89207	.1830657	-.010238
Stddev	.003509	2.5158	.15148	.01842	.0004840	.000835
%RSD	.3011180	.2770846	.5388096	.0881624	.2643712	8.158779

#1	1.162819	910.0438	28.06481	20.89399	.1836035	-.010059
#2	1.163747	908.6249	27.99226	20.87277	.1829285	-.011148
#3	1.169307	905.1537	28.28327	20.90946	.1826652	-.009506

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.772652	.8325474	6.051736	21.69872	3.989322	.9508749
Stddev	.064430	.0084674	.021754	.07101	.021030	.0133381
%RSD	1.116130	1.017048	.3594604	.3272595	.5271463	1.402716

#1	5.768233	.8421182	6.032347	21.74599	3.976772	.9626132
#2	5.710546	.8294930	6.075261	21.61706	4.013600	.9536406
#3	5.839179	.8260310	6.047602	21.73311	3.977594	.9363707

Sample Name: J3026-20 Acquired: 5/29/2018 16:50:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0355882	58.43743	14.19929	.3329350	3.211710	.1802427
Stddev	.0003486	.30640	.03485	.0034090	.006747	.0011431
%RSD	.9795899	.5243276	.2454583	1.023922	.2100741	.6341996

#1	.0359071	58.40706	14.16288	.3367310	3.212218	.1812844
#2	.0356415	58.75789	14.20263	.3319391	3.204722	.1790198
#3	.0352160	58.14734	14.23235	.3301348	3.218188	.1804238

Elem	Sr4077
Units	ppm
Avg	1.117628
Stddev	.002393
%RSD	.2140884

#1	1.116566
#2	1.115950
#3	1.120368

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2588.207	2775.363	69928.88	9307.338	3546.623
Stddev	16.494	15.009	99.83	34.183	18.151
%RSD	.6372819	.5407996	.1427583	.3672677	.5117863

#1	2604.645	2761.611	69848.58	9325.513	3534.059
#2	2571.657	2773.105	70040.65	9328.594	3538.377
#3	2588.320	2791.373	69897.39	9267.907	3567.434

Sample Name: J3026-21 Acquired: 5/29/2018 16:54:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760115	-.004225	1.707456	.0138649	-.005497	51.72564	1.502484
Stddev	.0027813	.003786	.003586	.0036035	.001746	.40585	.010096
%RSD	3.659089	89.60639	.2100176	25.99022	31.75806	.7846285	.6719495

#1	.0789957	-.005560	1.703843	.0116325	-.005982	51.54432	1.503493
#2	.0734913	.000047	1.707510	.0119401	-.006948	51.44205	1.491921
#3	.0755476	-.007163	1.711014	.0180221	-.003560	52.19054	1.512037

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072336	.0090677	33.04681	.1020101	.0850521	.2769183	280.6721
Stddev	.0000962	.0002184	.16540	.0119735	.0005400	.0022950	2.0089
%RSD	1.329191	2.408263	.5004984	11.73759	.6349075	.8287593	.7157505

#1	.0072926	.0088816	32.98869	.1088190	.0844972	.2742992	278.8310
#2	.0072856	.0090134	32.91832	.1090265	.0850830	.2785774	280.3705
#3	.0071227	.0093081	33.23342	.0881847	.0855759	.2778783	282.8147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.617711	4.800931	.1013395	-.001447	1.012753	.1664793	2.917343
Stddev	.041264	.037496	.0005277	.002496	.164142	.0050150	.226236
%RSD	.6235435	.7810126	.5207544	172.4206	16.20751	3.012405	7.754868

#1	6.625287	4.839634	.1008416	-.003173	1.190384	.1624070	3.037165
#2	6.573183	4.764772	.1012843	-.002583	.981191	.1649500	3.058467
#3	6.654662	4.798386	.1018927	.001414	.866683	.1720810	2.656398

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.569182	1.091258	.2826613	.0062256	4.926650	11.65077	1.520454
Stddev	.050746	.004904	.0076950	.0004709	.011816	.08092	.012200
%RSD	1.975168	.4493819	2.722339	7.563825	.2398302	.6945440	.8023979

#1	2.579758	1.085728	.2801015	.0060583	4.913087	11.65958	1.508736
#2	2.613806	1.095075	.2765724	.0067573	4.932153	11.72692	1.519541
#3	2.513982	1.092973	.2913099	.0058612	4.934711	11.56580	1.533085

Sample Name: J3026-21 Acquired: 5/29/2018 16:54:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5441964	.0499231	.1777758
Stddev	.0032772	.0009386	.0011974
%RSD	.6022081	1.880066	.6735148

#1	.5411061	.0494796	.1771984
#2	.5438500	.0492885	.1769766
#3	.5476330	.0510013	.1791524

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2587.939	2616.510	68876.73	8521.580	3972.932
Stddev	193.993	16.868	5084.57	44.116	25.209
%RSD	7.496049	.6446631	7.382132	.5176989	.6345180

#1	2479.033	2633.728	65836.67	8565.864	4000.279
#2	2472.868	2615.785	66046.90	8521.240	3967.893
#3	2811.915	2600.016	74746.64	8477.634	3950.622

Sample Name: J3026-22 Acquired: 5/29/2018 16:58:37 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0557975	.0022026	.4607678	.0058236	.0026579	74.68906	.7902476
Stddev	.0013521	.0013402	.0137671	.0014255	.0009011	.28211	.0016374
%RSD	2.423294	60.84396	2.987866	24.47761	33.90423	.3777172	.2072070

#1	.0544793	.0006840	.4577203	.0062688	.0018650	74.88986	.7913814
#2	.0571812	.0027043	.4487798	.0069734	.0036379	74.81082	.7909912
#3	.0557318	.0032196	.4758034	.0042287	.0024708	74.36652	.7883703

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065092	.0020928	6.290978	.0904974	.1013212	.1206818	125.2057
Stddev	.0001080	.0001135	.063695	.0002342	.0020157	.0037139	.4278
%RSD	1.658899	5.422604	1.012487	.2588120	1.989406	3.077402	.3417123

#1	.0066000	.0020582	6.269336	.0904214	.1004427	.1221723	125.6997
#2	.0063898	.0020006	6.362674	.0907601	.0998939	.1234189	124.9639
#3	.0065377	.0022195	6.240923	.0903105	.1036271	.1164542	124.9534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.022414	2.629886	.0859819	-.001455	.4688614	.1734357	.7847751
Stddev	.028153	.013553	.0020753	.000186	.0793910	.0033504	.0162501
%RSD	.3120308	.5153352	2.413613	12.81158	16.93272	1.931761	2.070670

#1	9.025715	2.644927	.0849716	-.001352	.3839546	.1739736	.7662067
#2	9.048771	2.626106	.0846052	-.001343	.5412489	.1764847	.7963995
#3	8.992757	2.618624	.0883689	-.001670	.4813806	.1698490	.7917192

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.993216	.6557540	.1211564	.0070270	.7465215	14.21111	.0542073
Stddev	.058272	.0141831	.0010969	.0003580	.0274842	.08785	.0013147
%RSD	2.923532	2.162870	.9053395	5.094036	3.681634	.6181435	2.425374

#1	2.022044	.6495465	.1201685	.0072578	.7298276	14.30662	.0527056
#2	2.031455	.6457329	.1209638	.0066146	.7314940	14.13376	.0547654
#3	1.926149	.6719825	.1223368	.0072085	.7782429	14.19296	.0551510

Sample Name: J3026-22 Acquired: 5/29/2018 16:58:37 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDATD7 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5563503	.0516536	.0676627
Stddev	.0052495	.0005016	.0000972
%RSD	.9435615	.9710894	.1437157

#1	.5599977	.0522291	.0677651
#2	.5587194	.0514230	.0675717
#3	.5503337	.0513088	.0676513

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.417	2609.075	66103.29	8475.423	3896.994
Stddev	13.711	47.005	491.55	16.435	83.927
%RSD	.5476952	1.801583	.7436056	.1939152	2.153630

#1	2515.644	2625.885	66274.47	8457.226	3929.701
#2	2488.593	2645.364	65549.05	8479.854	3959.643
#3	2506.015	2555.977	66486.37	8489.188	3801.638

Sample Name: PB109632BS Acquired: 5/29/2018 17:02:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0187568	.0513084	.0216994	.0673910	.1246066	.4239434
Stddev	.0061363	.0013659	.0016032	.0079130	.0035580	.0029003
%RSD	32.71516	2.662099	7.388078	11.74188	2.855421	.6841256

#1	.0254463	.0527031	.0231504	.0764804	.1287000	.4222171
#2	.0133890	.0512486	.0199784	.0636544	.1228641	.4272918
#3	.0174352	.0499734	.0219696	.0620383	.1222556	.4223213

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4124270	.0100721	.0099111	10.51140	.0206051	.0990678
Stddev	.0017948	.0001130	.0003451	.09882	.0001892	.0038837
%RSD	.4351782	1.122124	3.481518	.9401472	.9182607	3.920224

#1	.4112980	.0101986	.0103068	10.41266	.0208198	.1035249
#2	.4144966	.0100369	.0096729	10.61031	.0204627	.0972678
#3	.4114864	.0099809	.0097535	10.51124	.0205326	.0964108

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0539611	F .2708556	.0324601	9.748734	.0860910	.0176322
Stddev	.0019428	.0101304	.0007524	.096355	.0029522	.0002299
%RSD	3.600361	3.740156	2.318004	.9883837	3.429144	1.303681

#1	.0517188	.2823881	.0316477	9.691573	.0894637	.0176994
#2	.0551428	.2667854	.0325995	9.859981	.0848342	.0178210
#3	.0550216	.2633934	.0331330	9.694647	.0839753	.0173762

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.847197	.1100719	.1121731	8.335666	F .0061364	F .0154664
Stddev	.142503	.0026945	.0073566	.012187	.0003568	.0005985
%RSD	1.447139	2.447916	6.558297	.1462043	5.815059	3.869705

#1	9.885173	.1127617	.1106161	8.344504	.0064780	.0148462
#2	9.966865	.1100812	.1201836	8.321763	.0061651	.0155124
#3	9.689554	.1073728	.1057195	8.340731	.0057661	.0160406

Sample Name: PB109632BS Acquired: 5/29/2018 17:02:40 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0216550	.2013121	.1945106	F .0146975	.2056836	.0915337
Stddev	.0006901	.0032962	.0009489	.0009646	.0007078	.0001669
%RSD	3.186903	1.637378	.4878420	6.562737	.3441324	.1823843

#1	.0224030	.2045967	.1955090	.0139372	.2057331	.0914655
#2	.0210430	.1980043	.1936204	.0143727	.2063654	.0914117
#3	.0215190	.2013355	.1944024	.0157825	.2049524	.0917240

Elem	Sr4077
Units	ppm
Avg	.2026968
Stddev	.0012956
%RSD	.6391913

#1	.2021233
#2	.2041802
#3	.2017870

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.574	2350.409	60579.65	7612.608	3904.968
Stddev	16.748	78.416	433.82	24.414	129.122
%RSD	.7333968	3.336262	.7161141	.3206986	3.306598

#1	2273.436	2260.050	60203.65	7629.891	3756.863
#2	2274.381	2390.539	60481.01	7584.679	3964.150
#3	2302.905	2400.639	61054.30	7623.252	3993.890

Sample Name: J3027-12 Acquired: 5/29/2018 17:11:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2904405	.0737395	1.352072	.1143797	.2157525	160.6373	6.484246
Stddev	.0027004	.0046292	.005652	.0021066	.0006480	.2669	.010285
%RSD	.9297586	6.277755	.4180498	1.841728	.3003521	.1661776	.1586165

#1	.2909180	.0756951	1.358573	.1164785	.2164998	160.5976	6.474769
#2	.2875332	.0770700	1.349326	.1122655	.2153472	160.9219	6.495183
#3	.2928702	.0684535	1.348317	.1143951	.2154103	160.3924	6.482787

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1190888	.1282994	283.9429	1.006982	1.411513	.8265547	609.1657
Stddev	.0011965	.0006886	.6073	.023581	.010154	.0034313	1.3759
%RSD	1.004676	.5367014	.2138923	2.341748	.7193565	.4151323	.2258653

#1	.1192610	.1290706	283.6415	1.010808	1.423238	.8263037	609.0680
#2	.1178156	.1277462	283.5453	.981722	1.405648	.8232558	610.5879
#3	.1201898	.1280813	284.6420	1.028416	1.405654	.8301046	607.8413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.19263	100.8821	1.408149	.0742372	3.388198	1.753055	3.001048
Stddev	.06156	.2287	.006127	.0008437	.110432	.015483	.037145
%RSD	.2443697	.2267062	.4351400	1.136459	3.259300	.8831890	1.237727

#1	25.12218	101.0402	1.413399	.0747965	3.515668	1.740685	3.003376
#2	25.21958	100.9863	1.401416	.0746483	3.327413	1.770418	2.962795
#3	25.23612	100.6199	1.409634	.0732668	3.321515	1.748062	3.036975

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.109646	2.403938	.5945835	.0124668	6.324092	17.64706	.0478722
Stddev	.005039	.021032	.0170482	.0001551	.049561	.17888	.0031021
%RSD	.0621336	.8749151	2.867248	1.244363	.7836872	1.013682	6.479993

#1	8.104677	2.427209	.5873721	.0126081	6.380151	17.69571	.0474158
#2	8.109510	2.398322	.6140523	.0123008	6.306030	17.44888	.0450235
#3	8.114752	2.386284	.5823261	.0124915	6.286095	17.79658	.0511772

Sample Name: J3027-12 Acquired: 5/29/2018 17:11:41 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATG8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.417072	.1127754	.3941635
Stddev	.004330	.0007582	.0009874
%RSD	.3055471	.6723261	.2505097

#1	1.417645	.1130580	.3935026
#2	1.421087	.1133518	.3952985
#3	1.412485	.1119165	.3936893

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2561.788	2739.355	69473.70	9430.981	3455.160
Stddev	29.805	9.770	1241.82	37.964	17.806
%RSD	1.163430	.3566383	1.787468	.4025494	.5153450

#1	2548.102	2728.084	69257.17	9428.650	3434.838
#2	2595.977	2745.408	70809.54	9470.058	3468.024
#3	2541.284	2744.573	68354.38	9394.237	3462.619

Sample Name: PB109590BL Acquired: 5/29/2018 17:15:36 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	-.000763	-.000607	.0000957	.0001432	-.001688	-.000056	-.000636
Stddev	.005188	.001437	.0015033	.0013996	.000662	.001271	.000086
%RSD	680.1671	236.8080	1570.652	977.3799	39.24390	2285.637	13.55376

#1	-.003918	.000476	-.001640	.0006045	-.002125	-.001286	-.000558
#2	-.003595	-.002237	.000929	.0012540	-.000926	.001253	-.000621
#3	.005225	-.000059	.000997	-.001429	-.002014	-.000134	-.000729

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0000273	.0143051	-.000379	.0000563	.0015191	.0137162
Stddev	.000067	.0000934	.0082072	.000157	.0001517	.0025772	.0087378
%RSD	795.4239	341.5803	57.37217	41.30525	269.5210	169.6463	63.70429

#1	-.000050	.0001040	.0236328	-.000205	.0001132	-.001377	.0192072
#2	-.000044	-.000077	.0081908	-.000424	-.000116	.003560	.0183013
#3	.000069	.000055	.0110918	-.000508	.000171	.002374	.0036402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005036	.0070578	.0002259	.0006188	-.056531	-.001268	-.000494
Stddev	.0003128	.0197843	.0002427	.0004492	.252492	.002990	.005839
%RSD	62.11686	280.3191	107.3980	72.60307	446.6453	235.8325	1182.006

#1	.0002439	-.009719	-.000041	.0003418	-.347264	-.004717	.006006
#2	.0008508	.028874	.000433	.0011371	.107745	.000598	-.002192
#3	.0004160	.002018	.000285	.0003773	.069927	.000315	-.005296

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007892	-.000468	-.004007	.0000539	.0314508	-.002758	.0000157
Stddev	.051581	.000223	.000267	.0001620	.0025550	.001088	.0010624
%RSD	653.5962	47.75128	6.674893	300.3109	8.123652	39.44614	6787.786

#1	.008921	-.000466	-.004309	.0000085	.0341166	-.001505	-.000246
#2	-.065781	-.000692	-.003799	-.000080	.0312125	-.003305	.001185
#3	.033185	-.000245	-.003913	.000234	.0290234	-.003464	-.000891

Sample Name: PB109590BL Acquired: 5/29/2018 17:15:36 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	-.000574	-.001519	.0000934
Stddev	.001151	.000277	.0000552
%RSD	200.5035	18.25721	59.15884

#1	-.001875	-.001320	.0001004
#2	-.000154	-.001836	.0000350
#3	.000307	-.001401	.0001448

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.681	2330.251	60243.18	7516.808	3893.319
Stddev	82.986	16.081	2123.34	62.615	26.007
%RSD	3.633877	.6900886	3.524608	.8330018	.6679933

#1	2237.582	2332.295	59082.34	7563.900	3889.586
#2	2233.979	2313.246	58953.33	7540.775	3869.381
#3	2379.483	2345.212	62693.86	7445.750	3920.992

Sample Name: PB109590BS Acquired: 5/29/2018 17:19:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0214690	.0477567	.0207911	.0648503	.1144581	.3962302
Stddev	.0034099	.0009160	.0012430	.0032408	.0025266	.0081008
%RSD	15.88274	1.917974	5.978650	4.997289	2.207452	2.044463

#1	.0185695	.0481613	.0220570	.0662745	.1128088	.3933801
#2	.0206119	.0467081	.0207440	.0611413	.1131987	.3899396
#3	.0252257	.0484008	.0195723	.0671350	.1173669	.4053708

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3939363	.0094829	.0094358	10.02707	.0198574	.0936055
Stddev	.0042284	.0000584	.0001295	.10323	.0001700	.0011327
%RSD	1.073382	.6162726	1.372881	1.029542	.8559048	1.210025

#1	.3980625	.0095230	.0094298	10.12974	.0200371	.0928844
#2	.3896126	.0094158	.0093094	9.92329	.0198360	.0930210
#3	.3941340	.0095099	.0095683	10.02817	.0196992	.0949110

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0501088	.2444065	.0303154	9.126595	.0813084	.0166357
Stddev	.0033393	.0130893	.0008821	.227416	.0010596	.0002584
%RSD	6.664185	5.355531	2.909757	2.491794	1.303166	1.553368

#1	.0522526	.2582593	.0307778	9.269770	.0812191	.0163572
#2	.0462612	.2322452	.0292982	8.864367	.0802962	.0166824
#3	.0518127	.2427151	.0308701	9.245648	.0824097	.0168676

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.294976	.1026246	.1042836	7.777354	F .0055160	F .0136826
Stddev	.230968	.0023413	.0098742	.093836	.0002023	.0007318
%RSD	2.484869	2.281410	9.468596	1.206535	3.666921	5.348272

#1	9.513407	.1053179	.0938831	7.808071	.0057489	.0144979
#2	9.053238	.1014809	.1054375	7.672009	.0053838	.0130826
#3	9.318283	.1010749	.1135301	7.851982	.0054154	.0134673

Sample Name: PB109590BS Acquired: 5/29/2018 17:19:53 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) 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	.0204395	.1911659	.1824468	F .0142291	.1937604	.0867399
Stddev	.0002077	.0035345	.0025683	.0006898	.0025458	.0011904
%RSD	1.016326	1.848927	1.407707	4.848012	1.313885	1.372333

#1	.0202886	.1887271	.1851841	.0142883	.1956843	.0873555
#2	.0203533	.1895513	.1800899	.0135116	.1908736	.0853678
#3	.0206764	.1952194	.1820664	.0148874	.1947232	.0874965

Elem	Sr4077
Units	ppm
Avg	.1924370
Stddev	.0024562
%RSD	1.276361

#1	.1940543
#2	.1896107
#3	.1936462

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.388	2472.748	62816.19	7986.318	4117.842
Stddev	2.968	33.914	62.47	119.456	46.202
%RSD	.1251628	1.371505	.0994490	1.495763	1.121991

#1	2368.004	2484.318	62775.33	7912.283	4138.030
#2	2372.609	2499.363	62888.10	8124.127	4150.515
#3	2373.551	2434.563	62785.13	7922.543	4064.982

Sample Name: J3025-01 Acquired: 5/29/2018 17:26:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATW2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0880895	-.006855	2.524052	-.001344	.0040747	11.83465	.5685312
Stddev	.0027539	.002391	.006562	.002446	.0004745	.25373	.0109138
%RSD	3.126211	34.88323	.2599960	182.0204	11.64426	2.144001	1.919656

#1	.0902084	-.007735	2.517099	.001467	.0036418	11.54971	.5566077
#2	.0890835	-.008683	2.524920	-.002990	.0045820	11.91804	.5709597
#3	.0849766	-.004149	2.530137	-.002508	.0040005	12.03619	.5780263

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009017	.0032761	280.5679	.1735638	.0185668	1.571560	22.66660
Stddev	.0000640	.0000769	5.6172	.0147801	.0001137	.030162	.48932
%RSD	7.095383	2.347742	2.002081	8.515638	.6125794	1.919263	2.158768

#1	.0008283	.0033539	274.5878	.1600583	.0185452	1.536842	22.11096
#2	.0009317	.0032745	281.3826	.1893527	.0184654	1.586525	22.85567
#3	.0009452	.0032001	285.7332	.1712804	.0186898	1.591314	23.03318

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.421928	94.83621	.0258653	.0007701	.3576036	.3659107	.7903128
Stddev	.027862	2.28959	.0002400	.0001287	.0586778	.0103484	.0475744
%RSD	1.959418	2.414256	.9279898	16.71298	16.40861	2.828113	6.019699

#1	1.392789	92.27070	.0259463	.0009116	.2914837	.3571342	.7419365
#2	1.424688	95.56594	.0255952	.0006600	.4034779	.3632761	.8370427
#3	1.448306	96.67199	.0260543	.0007387	.3778492	.3773216	.7919591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.117089	.1557821	.0520870	.0185857	5.333802	5.796931	-.002332
Stddev	.070948	.0010266	.0015464	.0003518	.028264	.156219	.000857
%RSD	2.276102	.6589780	2.968929	1.892668	.5299016	2.694850	36.74380

#1	3.035781	.1545984	.0503759	.0181933	5.310549	5.617401	-.003271
#2	3.166425	.1563201	.0533847	.0188729	5.325597	5.901894	-.001593
#3	3.149062	.1564279	.0525005	.0186908	5.365261	5.871497	-.002132

Sample Name: J3025-01 Acquired: 5/29/2018 17:26:59 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDATW2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2215028	.0333583	.7297719
Stddev	.0036225	.0015842	.0147408
%RSD	1.635426	4.749078	2.019921

#1	.2173305	.0323327	.7131927
#2	.2233302	.0325592	.7347239
#3	.2238475	.0351829	.7413991

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2092.134	2336.006	56131.03	8015.982	3680.323
Stddev	130.939	3.444	3841.53	127.035	3.738
%RSD	6.258614	.1474252	6.843869	1.584775	.1015589

#1	2215.907	2339.975	59667.32	8150.423	3684.366
#2	1955.047	2333.807	52043.76	7999.575	3679.610
#3	2105.447	2334.235	56682.01	7897.947	3676.993

Sample Name: J3025-02 Acquired: 5/29/2018 17:31:03 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: MDAT89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1441575	-.010107	1.531659	.0145275	.0142490	107.9747	1.812149
Stddev	.0028410	.000895	.011351	.0032785	.0010614	.8151	.012165
%RSD	1.970749	8.853936	.7411029	22.56759	7.448911	.7549445	.6712916

#1	.1454179	-.011134	1.532841	.0145492	.0134771	108.6248	1.817003
#2	.1409044	-.009497	1.519763	.0177950	.0138105	108.2392	1.821138
#3	.1461502	-.009689	1.542372	.0112382	.0154594	107.0602	1.798307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133626	.0221991	102.8517	.3389773	.0950826	.8843505	375.2679
Stddev	.0000310	.0003299	.9814	.0020631	.0005632	.0043647	4.0095
%RSD	.2318492	1.485961	.9542289	.6086340	.5923059	.4935488	1.068434

#1	.0133669	.0219514	102.8478	.3368181	.0953412	.8890242	379.5095
#2	.0133297	.0220723	103.8351	.3409286	.0944365	.8836472	374.7542
#3	.0133913	.0225735	101.8722	.3391853	.0954699	.8803802	371.5401

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.14916	43.57804	.2164226	-.003591	1.844047	.3692744	3.266485
Stddev	.16195	.36200	.0022418	.000099	.125636	.0028588	.032450
%RSD	1.002834	.8306991	1.035844	2.770240	6.813066	.7741608	.9934349

#1	16.16674	43.99440	.2172366	-.003539	1.715471	.3686742	3.302986
#2	16.30159	43.40194	.2138876	-.003529	1.966521	.3723857	3.240901
#3	15.97913	43.33777	.2181437	-.003706	1.850149	.3667634	3.255568

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.488316	1.182734	.3826698	.0303394	5.869015	9.573011	.0912463
Stddev	.079108	.006320	.0104247	.0006244	.054235	.079847	.0025359
%RSD	1.056422	.5343964	2.724198	2.058114	.9240898	.8340856	2.779132

#1	7.457146	1.183807	.3945128	.0308972	5.878814	9.600664	.0908479
#2	7.578262	1.175946	.3786143	.0296648	5.810549	9.635356	.0889332
#3	7.429542	1.188450	.3748823	.0304563	5.917683	9.483014	.0939577

Sample Name: J3025-02 Acquired: 5/29/2018 17:31:03 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: MDAT89 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7207163	.0673147	.2089160
Stddev	.0074210	.0013185	.0013006
%RSD	1.029665	1.958746	.6225363

#1	.7278741	.0688348	.2096475
#2	.7212173	.0666280	.2096860
#3	.7130575	.0664812	.2074143

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.835	2697.831	68810.27	9020.783	3734.632
Stddev	7.322	13.132	151.06	77.649	19.558
%RSD	.2844866	.4867639	.2195281	.8607809	.5237050

#1	2581.146	2690.181	68971.29	9007.026	3731.406
#2	2566.502	2712.994	68671.68	8950.932	3755.603
#3	2573.856	2690.317	68787.85	9104.391	3716.888

Sample Name: CCV088 Acquired: 5/29/2018 17:35:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.915181	4.686886	23.95179	4.923256	5.021681	423.2502
Stddev	.020099	.020196	.08689	.020293	.024267	10.4936
%RSD	.4089241	.4309024	.3627547	.4121853	.4832402	2.479285

#1	4.900065	4.677494	23.94950	4.939989	5.034801	435.2327
#2	4.907488	4.673097	23.86607	4.900684	4.993679	418.8176
#3	4.937991	4.710068	24.03980	4.929097	5.036563	415.7002

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07681	.5027479	2.371703	409.1472	14.30358	2.366488
Stddev	.28065	.0105868	.007984	11.0807	.03107	.008177
%RSD	2.785111	2.105782	.3366534	2.708254	.2171920	.3455194

#1	10.39363	.5148298	2.371931	421.6817	14.33939	2.362754
#2	9.97742	.4983192	2.363607	405.1043	14.28749	2.360845
#3	9.85938	.4950946	2.379571	400.6556	14.28386	2.375865

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83340	419.8146	14.30076	416.1776	2.443297	1.126532
Stddev	.37510	8.9037	.37685	8.9861	.010628	.004798
%RSD	2.528764	2.120865	2.635143	2.159205	.4349664	.4259478

#1	15.26246	430.0718	14.73314	426.5268	2.449766	1.131941
#2	14.67022	415.2922	14.12697	411.6515	2.431031	1.124867
#3	14.56754	414.0797	14.04217	410.3544	2.449092	1.122788

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	414.9040	2.494018	14.21842	150.5817	F 7.106987	5.003757
Stddev	10.7522	.059753	.04934	4.0698	.011860	.101790
%RSD	2.591488	2.395837	.3470231	2.702707	.1668745	2.034263

#1	427.2463	2.563011	14.24047	155.2432	7.118053	5.121287
#2	409.8997	2.458954	14.16190	148.7666	7.094468	4.943920
#3	407.5661	2.460088	14.25289	147.7353	7.108441	4.946064

Sample Name: CCV088 Acquired: 5/29/2018 17:35:04 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.841265	5.150636	4.839691	4.918621	4.938218	4.961998
Stddev	.017016	.030264	.090870	.020873	.126790	.137006
%RSD	.3514769	.5875751	1.877594	.4243599	2.567532	2.761103

#1	4.846312	5.122630	4.944600	4.926905	5.083642	5.117402
#2	4.822297	5.146538	4.785517	4.894878	4.880162	4.909946
#3	4.855187	5.182740	4.788956	4.934081	4.850852	4.858646

Elem	Sr4077
Units	ppm
Avg	4.894438
Stddev	.149958
%RSD	3.063841

#1	5.065101
#2	4.783751
#3	4.834461

Int. Std.	Y_2243	Y_2243	Y_3600	Y_3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.170	2065.332	54819.59	7259.715	3120.200
Stddev	7.132	8.540	225.94	174.980	12.442
%RSD	.3556593	.4135095	.4121499	2.410292	.3987468

#1	1999.900	2061.676	54589.60	7058.438	3116.881
#2	2002.325	2075.092	55041.25	7345.056	3133.964
#3	2013.285	2059.228	54827.92	7375.650	3109.754

Sample Name: CCB088 Acquired: 5/29/2018 17:39:08 Type: Unk
Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
User: JASWAL Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000954	.0005684	.0013666	.0032442	-.000953	.0089902	-.000241
Stddev	.003235	.0017814	.0019059	.0027402	.001197	.0013518	.000538
%RSD	339.0331	313.4381	139.4580	84.46295	125.5240	15.03701	223.1489

#1	-.001323	-.001078	.0029436	.0007345	-.000959	.0074298	-.000651
#2	-.003989	.002459	-.000751	.0028304	.000246	.0097329	.000368
#3	.002449	.000324	.001908	.0061677	-.002147	.0098078	-.000441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000003	.0000681	.0227219	.0002529	.0001691	.0015816	.0203856
Stddev	.000019	.0000883	.0091114	.0004849	.0003067	.0019898	.0193934
%RSD	672.6745	129.6040	40.09964	191.7576	181.3884	125.8085	95.13258

#1	-.000021	.0001635	.0320170	.0008098	-.000171	.0037780	.0311220
#2	.000016	.0000516	.0223425	.0000247	.000253	-.000100	.0320366
#3	-.000003	-.000011	.0138061	-.000076	.000425	.001067	-.002002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005213	.0034748	.0003633	.0006336	.0387518	.0003722	-.003745
Stddev	.0003850	.0255582	.0004495	.0000464	.0490297	.0013709	.007035
%RSD	73.84761	735.5254	123.7053	7.324330	126.5226	368.2680	187.8340

#1	.0001029	-.025996	.0004293	.0005810	.0823353	.0017114	.004047
#2	.0006005	.016852	.0007762	.0006511	-.014333	.0004336	-.009631
#3	.0008606	.019568	-.000115	.0006687	.048253	-.001028	-.005652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.141790	-.000632	.0004332	.0000034	.0262502	-.004593	-.000612
Stddev	.037544	.000730	.0003807	.0001718	.0031955	.000438	.000440
%RSD	26.47873	115.6389	87.87465	4990.627	12.17320	9.531977	71.84125

#1	-.151435	.000212	.0000440	.0001072	.0252588	-.004573	-.000908
#2	-.173570	-.001056	.0008048	.0000979	.0236679	-.005040	-.000822
#3	-.100364	-.001050	.0004509	-.000195	.0298238	-.004165	-.000107

Sample Name: CCB088 Acquired: 5/29/2018 17:39:08 Type: Unk
 Method: ISM02.4 INSTRUMENT P5 WITH 6 POINT ICAL(v544) Mode: CONC Corr. Factor: 1.000000
 User: JASWAL Custom ID1: CCB088 Custom ID2: Custom ID3:
 Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000805	.0003308	.0002437
Stddev	.000288	.0013591	.0000613
%RSD	35.75569	410.9081	25.15065

#1	-.001136	.0002442	.0002795
#2	-.000666	.0017311	.0002788
#3	-.000612	-.000983	.0001730

Int. Std.	Y_ 2243	Y_ 2243	Y_ 3600	Y_ 3710	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2349.877	2511.032	61807.81	7833.592	4208.670
Stddev	104.647	33.543	2677.03	46.084	61.166
%RSD	4.453279	1.335840	4.331209	.5882809	1.453322

#1	2240.856	2549.765	59000.65	7816.025	4279.279
#2	2359.260	2491.569	62090.51	7885.875	4174.791
#3	2449.517	2491.764	64332.26	7798.875	4171.940