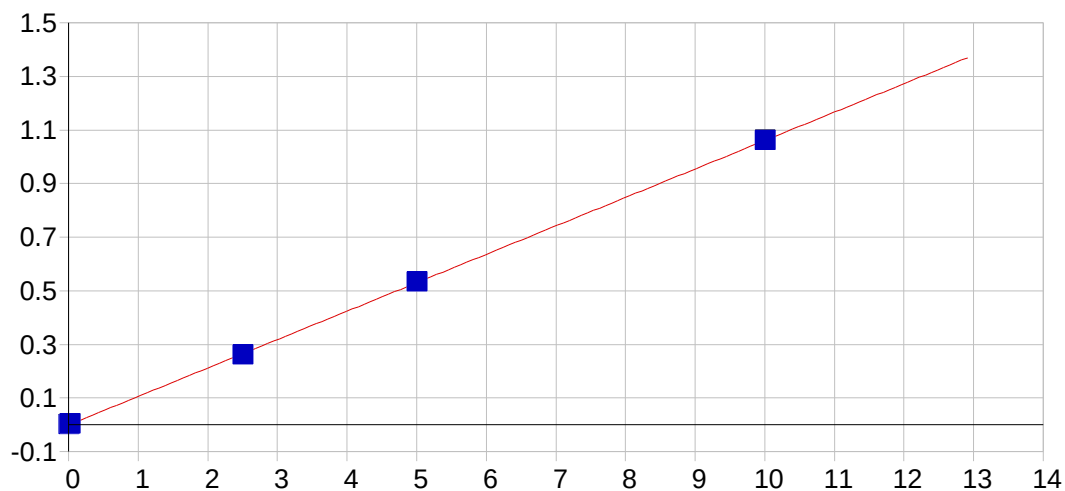


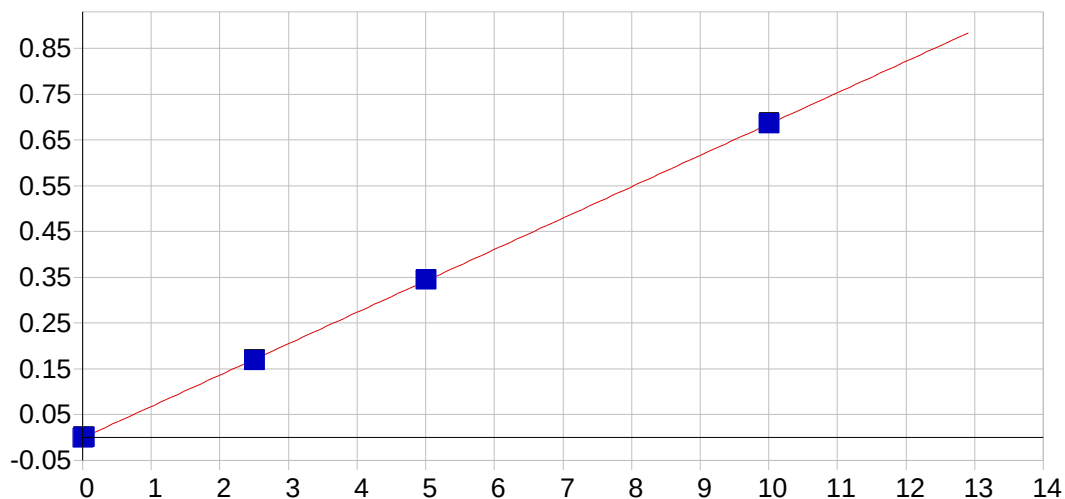


As 189.042 {478}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000489 Re-Slope: 1.000000
 A1 (Gain): 0.106091 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999962 Status: OK.
 Std Error of Est: 0.000022
 Predicted MDL: 0.003379
 Predicted MQL: 0.011262

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00049	.000	1
S1	.02000	.02371	.004	18.6	.00203	.000	1
S3	2.5000	2.4659	-.034	-1.36	.26111	.000	1
S4	5.0000	5.0297	.030	.594	.53308	.001	1
S5	10.000	10.001	.001	.007	1.0604	.001	1



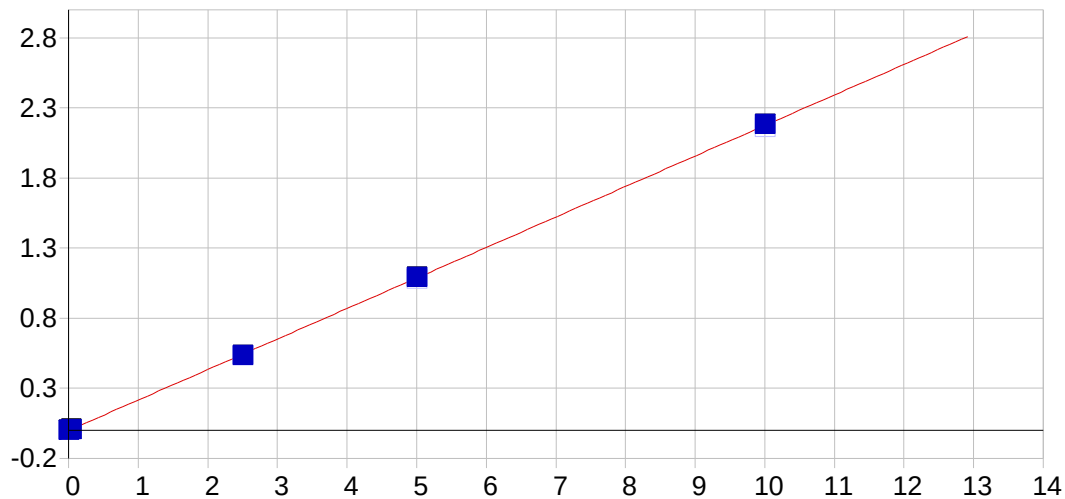
As 189.042 {479}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000462 Re-Slope: 1.000000

A1 (Gain): 0.068529 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999983 Status: OK.
 Std Error of Est: 0.000010
 Predicted MDL: 0.003373
 Predicted MQL: 0.011243

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00046	.000	1
S1	.02000	.02052	.001	2.59	.00094	.000	1
S3	2.5000	2.4694	-.031	-1.22	.16877	.001	1
S4	5.0000	5.0317	.032	.635	.34436	.000	1
S5	10.000	9.9983	-.002	-.017	.68473	.002	1

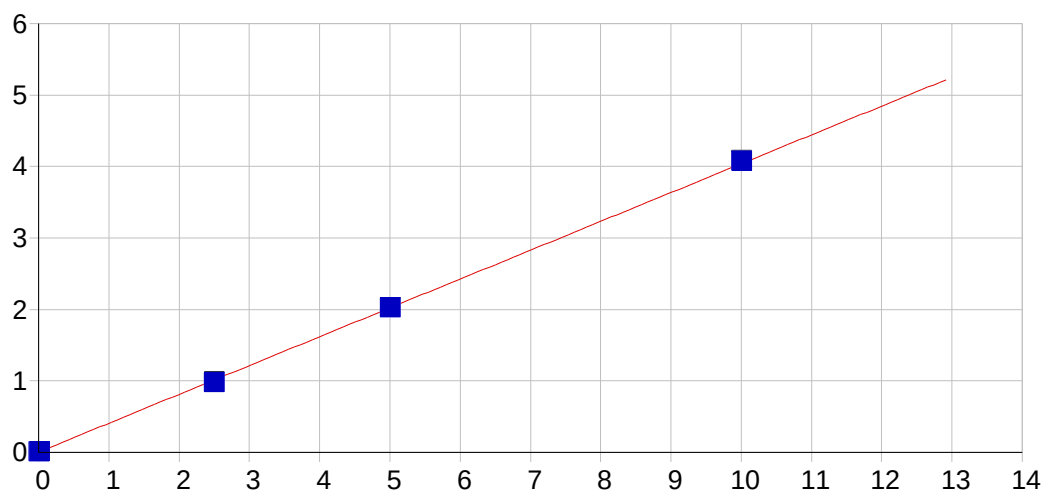


TI 190.856 {477}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001005 Re-Slope: 1.000000
 A1 (Gain): 0.217619 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999976 Status: OK.
 Std Error of Est: 0.000051
 Predicted MDL: 0.001411
 Predicted MQL: 0.004704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00100	.000	1
S1	.04000	.03974	-.000	-.662	.00742	.000	1
S3	2.5000	2.4578	-.042	-1.69	.52827	.002	1
S4	5.0000	5.0167	.017	.334	1.0796	.001	1
S5	10.000	10.026	.026	.258	2.1585	.003	1

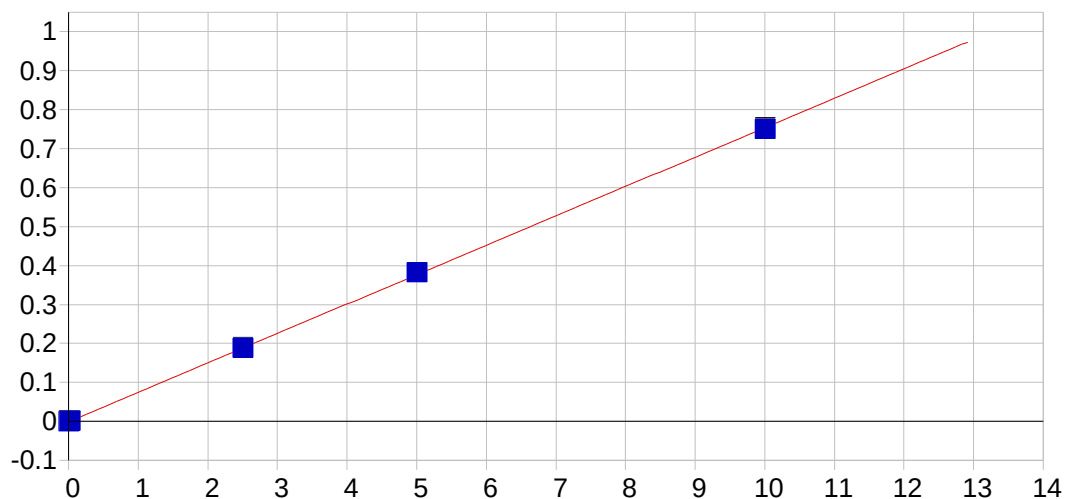


Pb 220.353 {453}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.004940 Re-Slope: 1.000000
 A1 (Gain): 0.403393 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999879 Status: OK.
 Std Error of Est: 0.000117
 Predicted MDL: 0.001217
 Predicted MQL: 0.004056

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00494	.001	1
S1	.01200	.00990	-.002	-17.5	.00884	.000	1
S3	2.5000	2.4132	-.087	-3.47	.97703	.002	1
S4	5.0000	4.9973	-.003	-.054	2.0181	.004	1
S5	10.000	10.092	.092	.916	4.0703	.005	1



Se 196.090 {472}

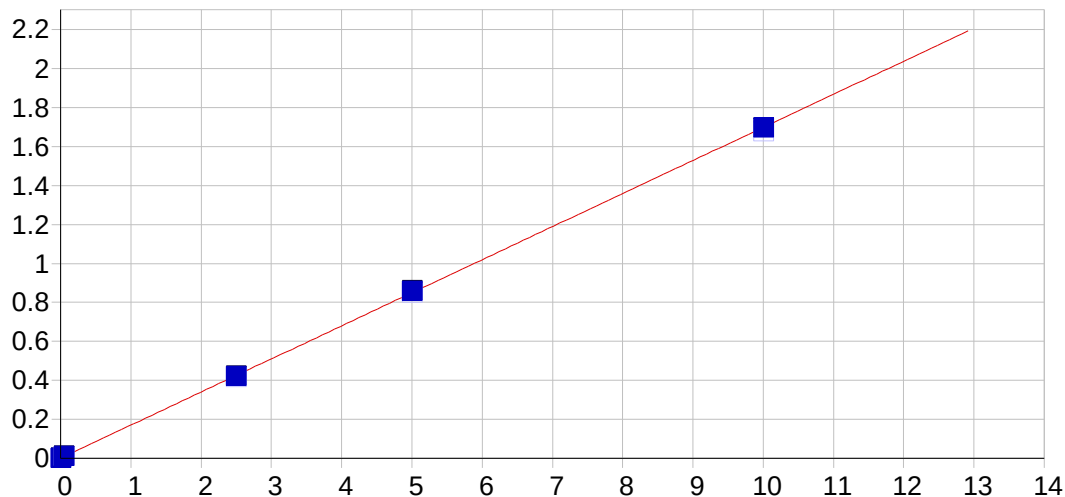
Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000748 Re-Slope: 1.000000
 A1 (Gain): 0.075453 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968
 Std Error of Est: 0.000015
 Predicted MDL: 0.004243
 Predicted MQL: 0.014144

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00075	.000	1
S1	.02000	.02051	.001	2.56	.00080	.000	1
S3	2.5000	2.4920	-.008	-.321	.18724	.001	1
S4	5.0000	5.0622	.062	1.24	.38113	.000	1
S5	10.000	9.9453	-.055	-.547	.74949	.003	1



Sb 206.833 {463}

Date of Fit: 8/15/2019 13:50:52

Type of Fit: Linear

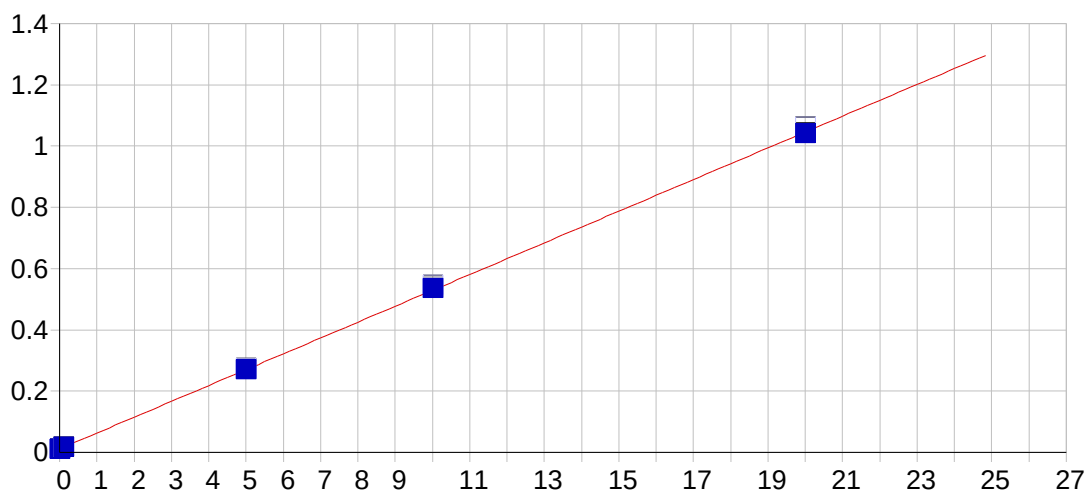
Weighting: 1/Conc

A0 (Offset): 0.000857
 A1 (Gain): 0.169724
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999953
 Std Error of Est: 0.000062
 Predicted MDL: 0.002376
 Predicted MQL: 0.007919

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00086	.000	1
S1	.05000	.05589	.006	11.8	.01013	.000	1
S3	2.5000	2.4703	-.030	-1.19	.41535	.000	1
S4	5.0000	5.0498	.050	.997	.84840	.002	1
S5	10.000	9.9741	-.026	-.259	1.6746	.002	1

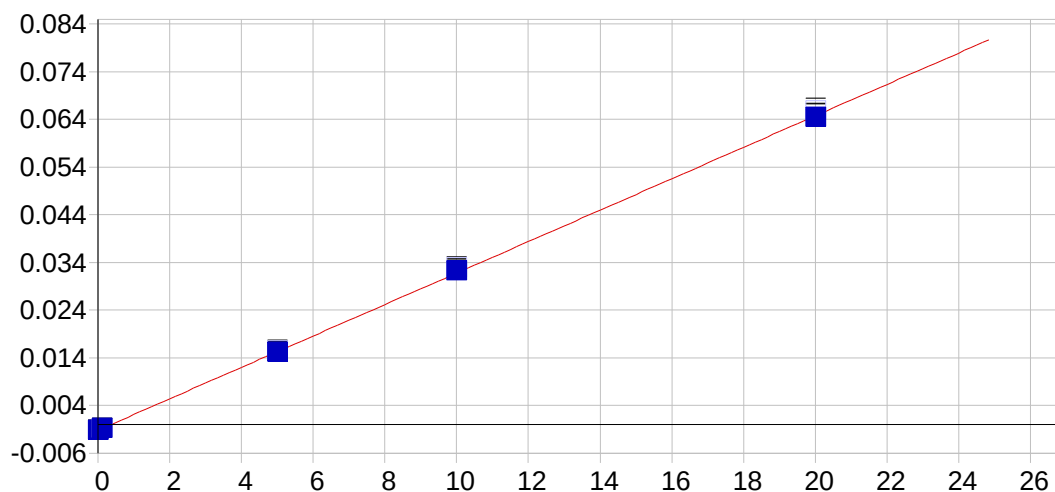


AI 308.215 {109}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.011276 Re-Slope: 1.000000
 A1 (Gain): 0.051742 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999960 Status: OK.
 Std Error of Est: 0.000036
 Predicted MDL: 0.003821
 Predicted MQL: 0.012738

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.01128	.000	1
S1	.10000	.11068	.011	10.7	.01736	.000	1
S3	5.0000	4.9717	-.028	-.565	.27368	.001	1
S4	10.000	10.109	.109	1.09	.54463	.001	1
S5	20.000	19.908	-.092	-.458	1.0620	.001	1



AI 309.271 {109}

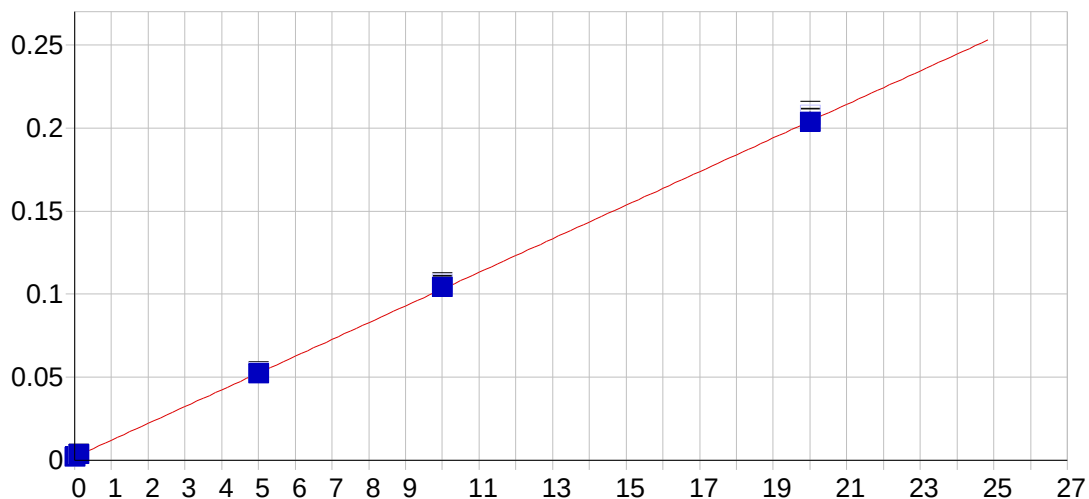
Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.001167 Re-Slope: 1.000000
 A1 (Gain): 0.003297 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999961
 Std Error of Est: 0.000002
 Predicted MDL: 0.040276
 Predicted MQL: 0.134254

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00117	.000	1
S1	.10000	.10473	.005	4.73	-.00080	.000	1
S3	5.0000	4.9475	-.052	-1.05	.01547	.000	1
S4	10.000	10.132	.132	1.32	.03289	.000	1
S5	20.000	19.915	-.085	-.424	.06580	.001	1

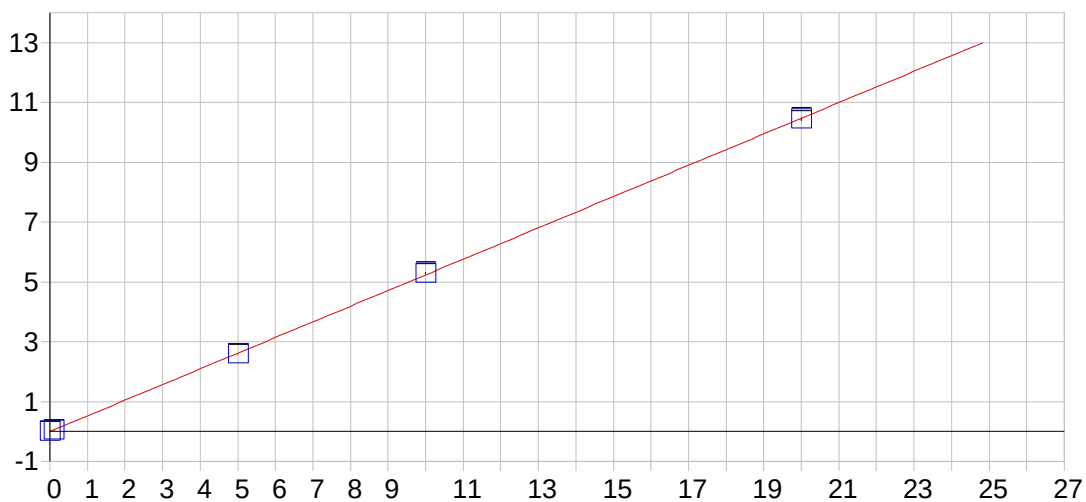


AI 396.152 { 85}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002001 Re-Slope: 1.000000
 A1 (Gain): 0.010103 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999860 Status: OK.
 Std Error of Est: 0.000013
 Predicted MDL: 0.019803
 Predicted MQL: 0.066008

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00200	.000	1
S1	.10000	.12916	.029	29.2	.00338	.000	1
S3	5.0000	4.9385	-.062	-1.23	.05290	.000	1
S4	10.000	10.090	.090	.896	.10595	.001	1
S5	20.000	19.941	-.059	-.293	.20749	.002	1

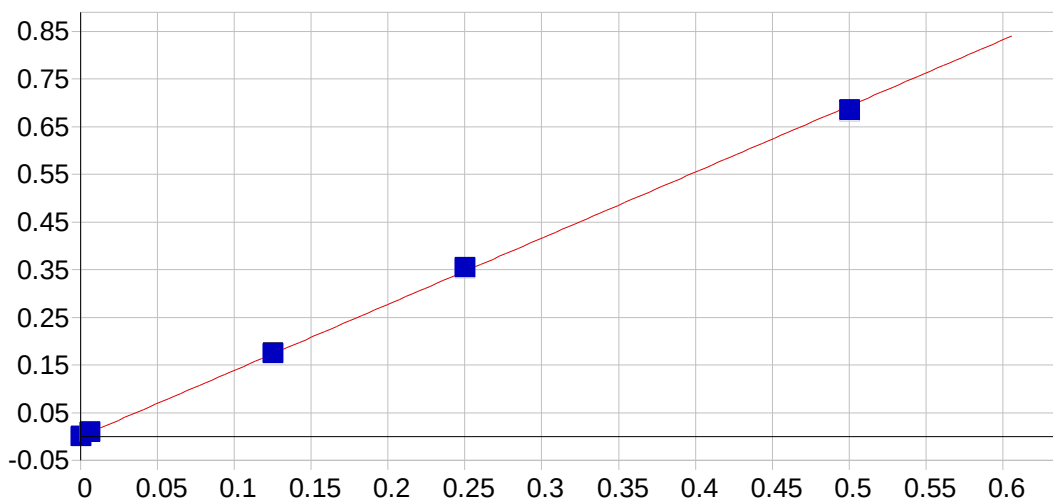


Ba 493.409 { 68}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000964 Re-Slope: 1.000000
 A1 (Gain): 0.523633 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999964 Status: OK.
 Std Error of Est: 0.000338
 Predicted MDL: 0.000799
 Predicted MQL: 0.002662

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00097	.000	1
S1	.10000	.10359	.004	3.59	.05328	.000	1
S3	5.0000	4.9379	-.062	-1.24	2.5847	.018	1
S5	20.000	19.940	-.060	-.302	10.440	.053	1
S4	10.000	10.119	.119	1.19	5.2977	.034	1



Be 234.861 {144}

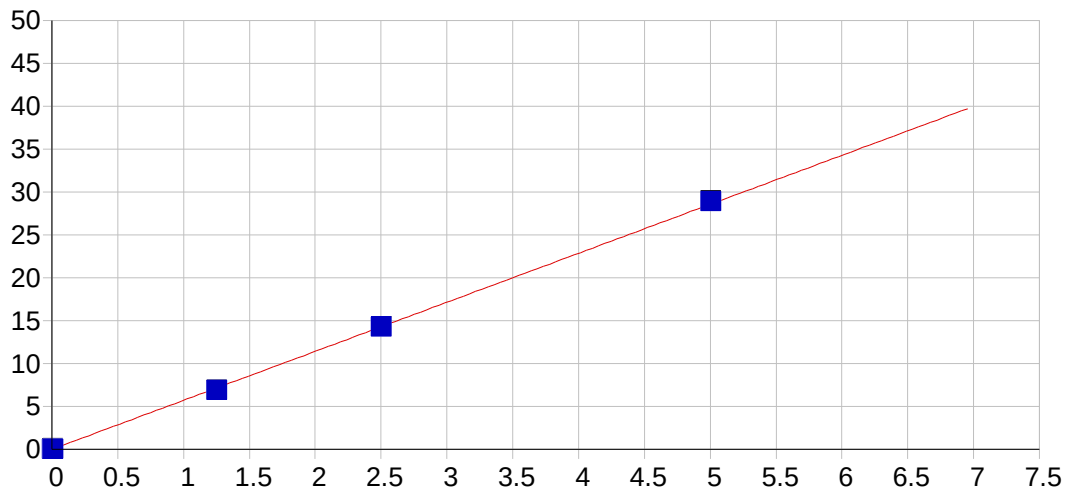
Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000020 Re-Slope: 1.000000
 A1 (Gain): 1.386975 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999868
 Std Error of Est: 0.000066
 Predicted MDL: 0.000093
 Predicted MQL: 0.000311

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00002	.000	1
S1	.00600	.00648	.000	7.93	.00891	.000	1
S3	.12500	.12576	.001	.606	.17335	.000	1
S4	.25000	.25515	.005	2.06	.35173	.001	1
S5	.50000	.49362	-.006	-1.28	.68029	.000	1

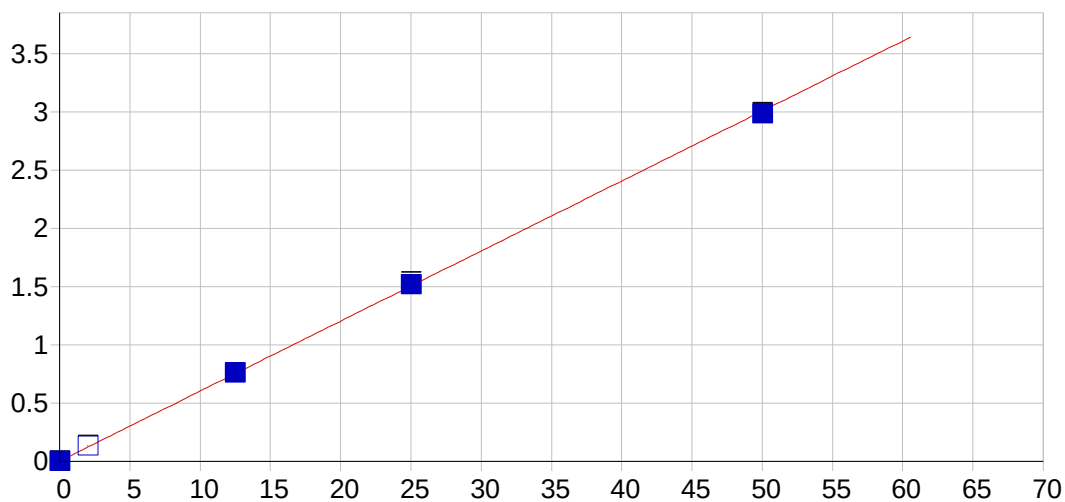


Cd 226.502 {449}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003101 Re-Slope: 1.000000
 A1 (Gain): 5.712166 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999826 Status: OK.
 Std Error of Est: 0.000998
 Predicted MDL: 0.000097
 Predicted MQL: 0.000323

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00310	.000	1
S1	.00600	.00598	-.000	-.372	.03731	.000	1
S3	1.2500	1.1956	-.054	-4.35	6.8345	.015	1
S4	2.5000	2.4959	-.004	-.162	14.264	.018	1
S5	5.0000	5.0584	.058	1.17	28.904	.041	1

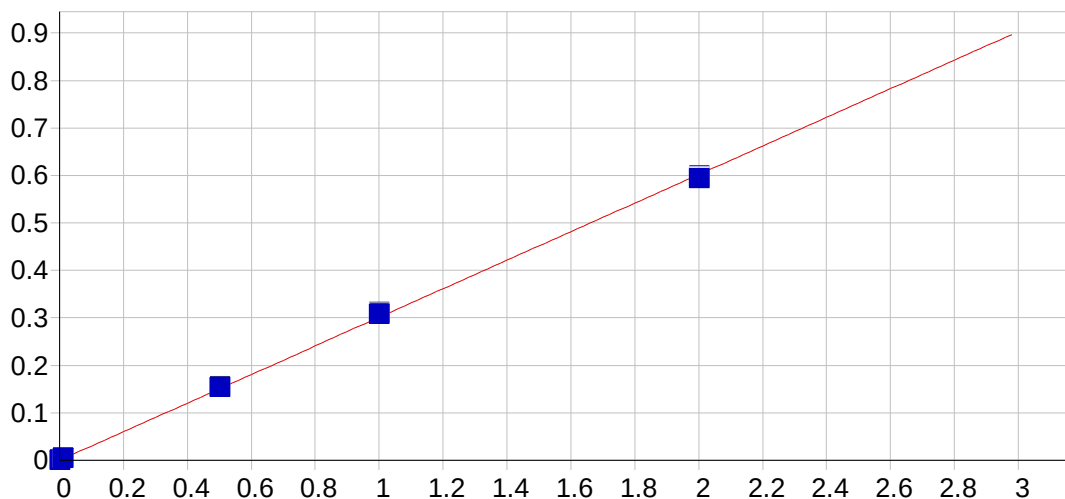


Ca 373.690 { 90}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002330 Re-Slope: 1.000000
 A1 (Gain): 0.060087 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999882 Status: OK.
 Std Error of Est: 0.000504
 Predicted MDL: 0.025360
 Predicted MQL: 0.084532

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1760	.176	8.80	.13308	.003	1
S0	.00000	-.00018	-.000	.000	.00232	.001	1
S3	12.500	12.534	.034	.269	.75584	.005	1
S4	25.000	25.218	.218	.872	1.5184	.019	1
S5	50.000	49.572	-.428	-.855	2.9826	.009	1



Cr 267.716 {126}

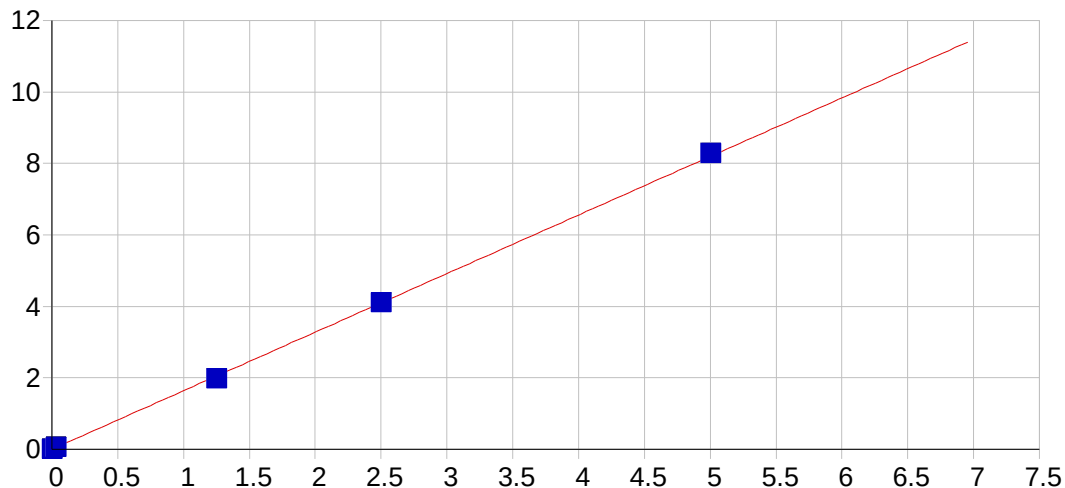
Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000163 Re-Slope: 1.000000
 A1 (Gain): 0.300946 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.000042
 Predicted MDL: 0.000594
 Predicted MQL: 0.001979

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.01000	.01090	.001	9.04	.00346	.000	1
S3	.50000	.50820	.008	1.64	.15429	.001	1
S4	1.0000	1.0221	.022	2.21	.31013	.001	1
S5	2.0000	1.9688	-.031	-1.56	.59740	.001	1



Co 228.616 {447}

Date of Fit: 8/15/2019 13:50:52

Type of Fit: Linear

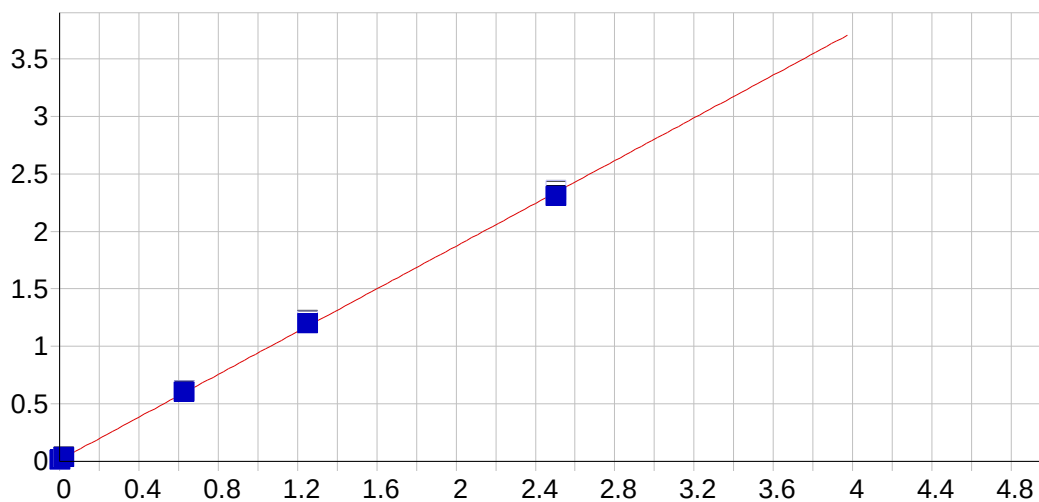
Weighting: 1/Conc

A0 (Offset): 0.000633
 A1 (Gain): 1.638846
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999865
 Std Error of Est: 0.000565
 Predicted MDL: 0.000286
 Predicted MQL: 0.000954

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.03000	.02962	-.000	-1.25	.04885	.000	1
S3	1.2500	1.2020	-.048	-3.84	1.9722	.005	1
S4	2.5000	2.4969	-.003	-.122	4.0959	.005	1
S5	5.0000	5.0514	.051	1.03	8.2855	.002	1

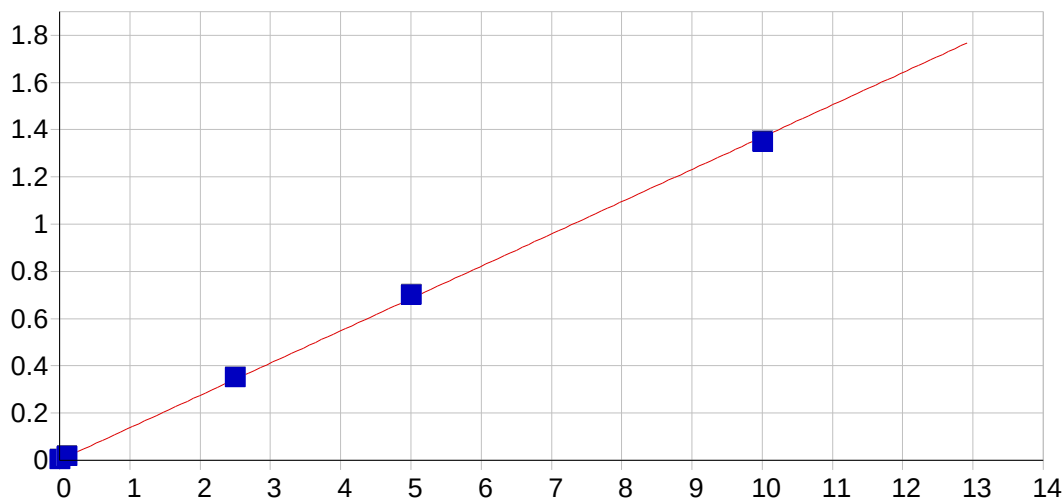


Cu 224.700 {450}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.012652 Re-Slope: 1.000000
 A1 (Gain): 0.929223 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999877 Status: OK.
 Std Error of Est: 0.000180
 Predicted MDL: 0.000566
 Predicted MQL: 0.001885

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01265	.000	1
S1	.02000	.02193	.002	9.65	.03341	.000	1
S3	.62500	.63247	.007	1.20	.61207	.001	1
S4	1.2500	1.2732	.023	1.85	1.2191	.002	1
S5	2.5000	2.4674	-.033	-1.30	2.3523	.003	1



Fe 240.488 {140}

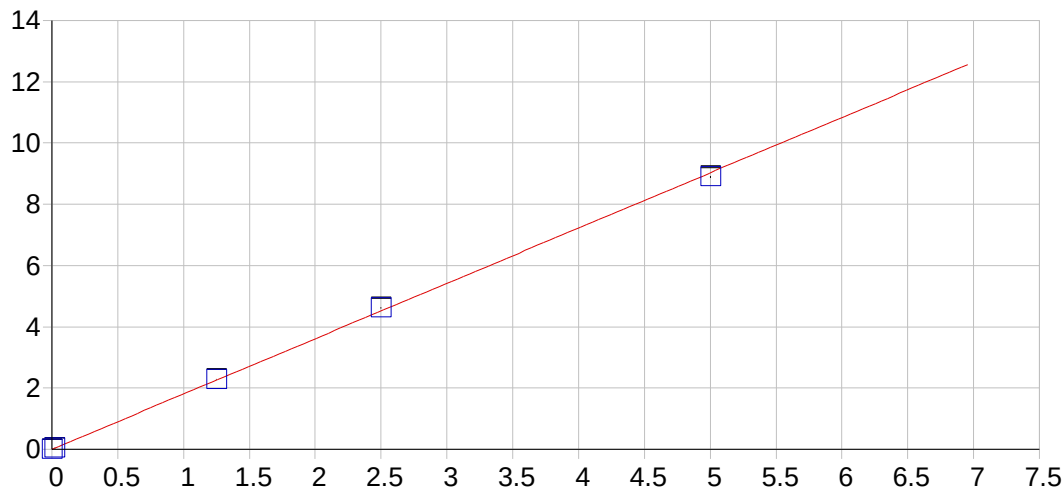
Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.001417 Re-Slope: 1.000000
 A1 (Gain): 0.136723 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999833
 Std Error of Est: 0.000136
 Predicted MDL: 0.001033
 Predicted MQL: 0.003444

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00142	.000	1
S1	.10000	.10923	.009	9.23	.01642	.000	1
S3	2.5000	2.5483	.048	1.93	.35111	.001	1
S4	5.0000	5.0953	.095	1.91	.70061	.002	1
S5	10.000	9.8471	-.153	-1.53	1.3528	.001	1



Mn 257.610 {131}

Date of Fit: 8/15/2019 13:50:52

Type of Fit: Linear

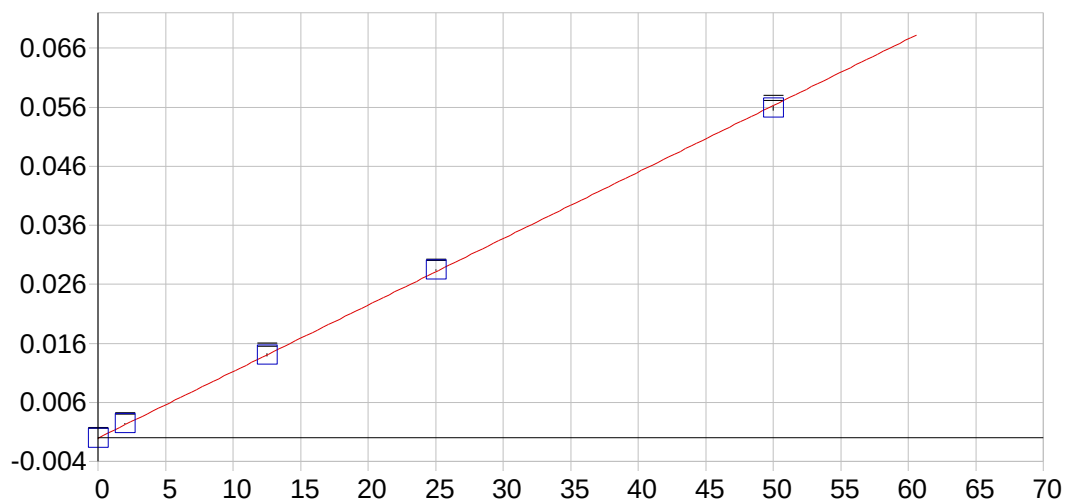
Weighting: 1/Conc

A0 (Offset): 0.000564
 A1 (Gain): 1.805559
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999825
 Std Error of Est: 0.000578
 Predicted MDL: 0.000088
 Predicted MQL: 0.000294

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00056	.000	1
S1	.02000	.02320	.003	16.0	.04246	.000	1
S3	1.2500	1.2667	.017	1.33	2.2876	.006	1
S4	2.5000	2.5551	.055	2.20	4.6139	.017	1
S5	5.0000	4.9250	-.075	-1.50	8.8930	.033	1

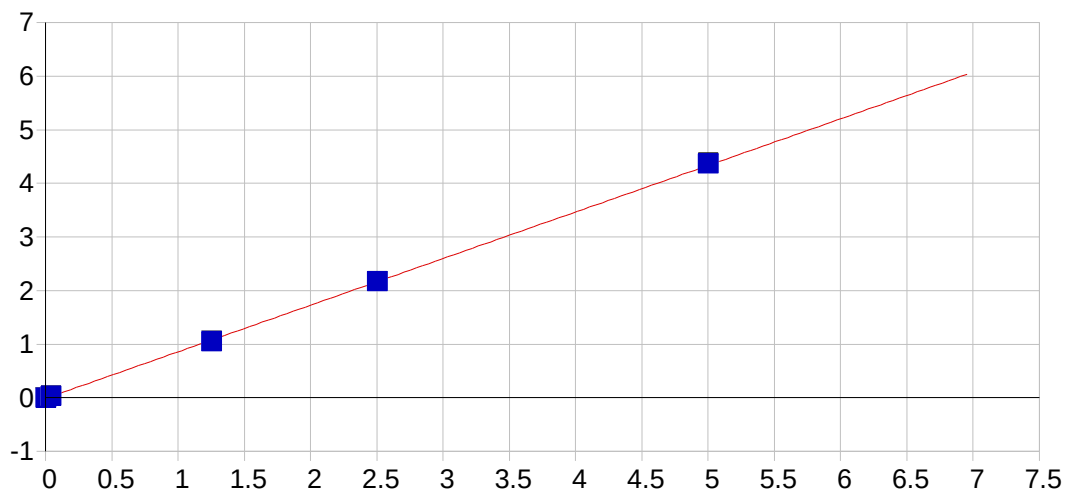


Mg 279.079 {121}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000056 Re-Slope: 1.000000
 A1 (Gain): 0.001127 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999891 Status: OK.
 Std Error of Est: 0.000009
 Predicted MDL: 0.063719
 Predicted MQL: 0.212396

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.1648	.165	8.24	.00238	.000	1
S0	.00000	-.00017	-.000	.000	-.00006	.000	1
S3	12.500	12.498	-.002	-.013	.01402	.000	1
S4	25.000	25.250	.250	1.00	.02839	.000	1
S5	50.000	49.587	-.413	-.826	.05581	.000	1



Ni 231.604 {445}

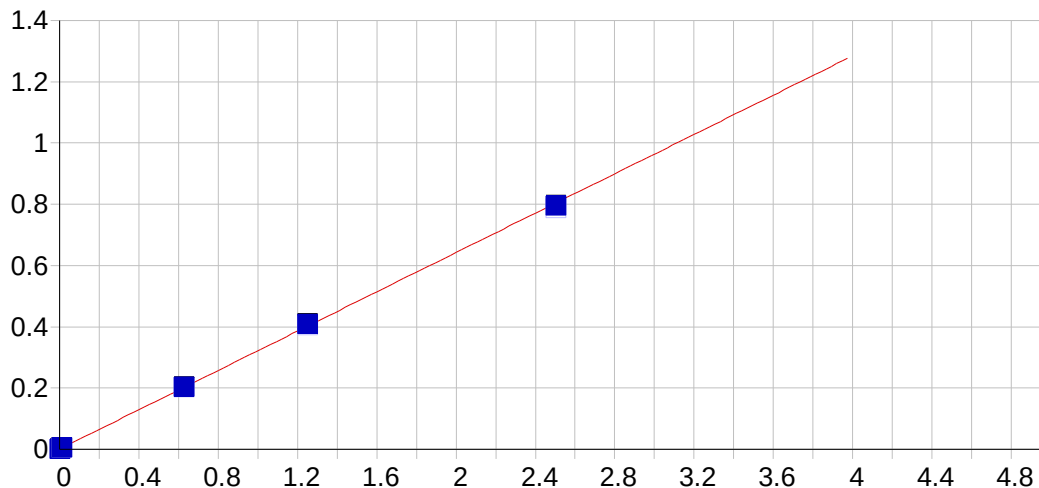
Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.013735 Re-Slope: 1.000000
 A1 (Gain): 0.869634 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999949
 Std Error of Est: 0.000212
 Predicted MDL: 0.000566
 Predicted MQL: 0.001888

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.01373	.000	1
S1	.04000	.04079	.001	1.98	.02176	.001	1
S3	1.2500	1.2201	-.030	-2.39	1.0485	.001	1
S4	2.5000	2.5010	.001	.038	2.1636	.006	1
S5	5.0000	5.0282	.028	.563	4.3637	.009	1

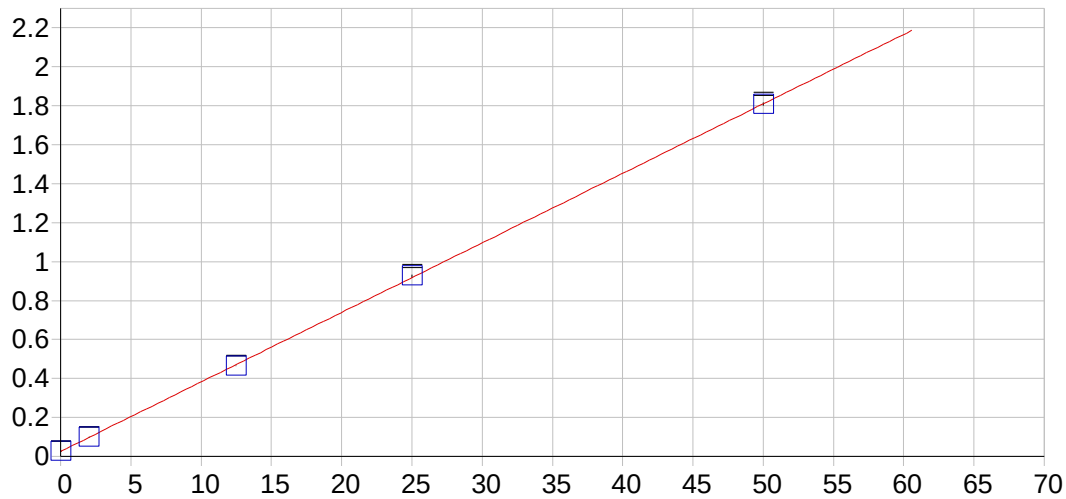


Ag 328.068 {103}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000719 Re-Slope: 1.000000
 A1 (Gain): 0.320997 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999915 Status: OK.
 Std Error of Est: 0.000035
 Predicted MDL: 0.000824
 Predicted MQL: 0.002748

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00072	.000	1
S1	.01000	.01101	.001	10.1	.00419	.000	1
S3	.62500	.63091	.006	.946	.20092	.000	1
S4	1.2500	1.2692	.019	1.53	.40348	.001	1
S5	2.5000	2.4739	-.026	-1.04	.78554	.001	1

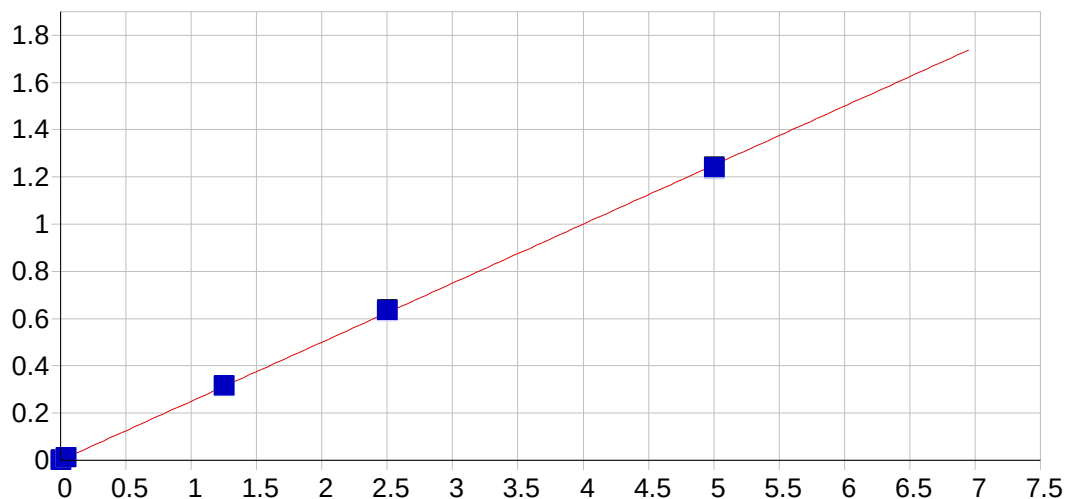


Na 589.592 { 57}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.025549 Re-Slope: 1.000000
 A1 (Gain): 0.035685 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999963 Status: OK.
 Std Error of Est: 0.000168
 Predicted MDL: 0.014466
 Predicted MQL: 0.048220

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0460	.046	2.30	.09856	.001	1
S0	.00000	-.00003	-.000	.000	.02555	.001	1
S3	12.500	12.285	-.215	-1.72	.46393	.002	1
S4	25.000	25.213	.213	.852	.92527	.007	1
S5	50.000	49.956	-.044	-.087	1.8082	.009	1



V 292.402 {115}

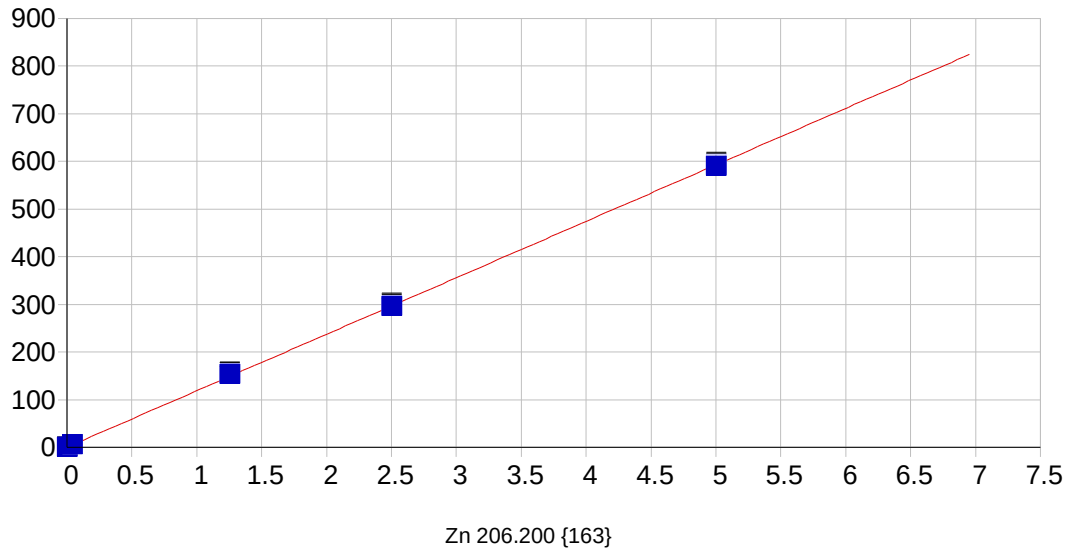
Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000297 Re-Slope: 1.000000
 A1 (Gain): 0.249953 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999946
 Std Error of Est: 0.000062
 Predicted MDL: 0.000725
 Predicted MQL: 0.002415

Status: OK.

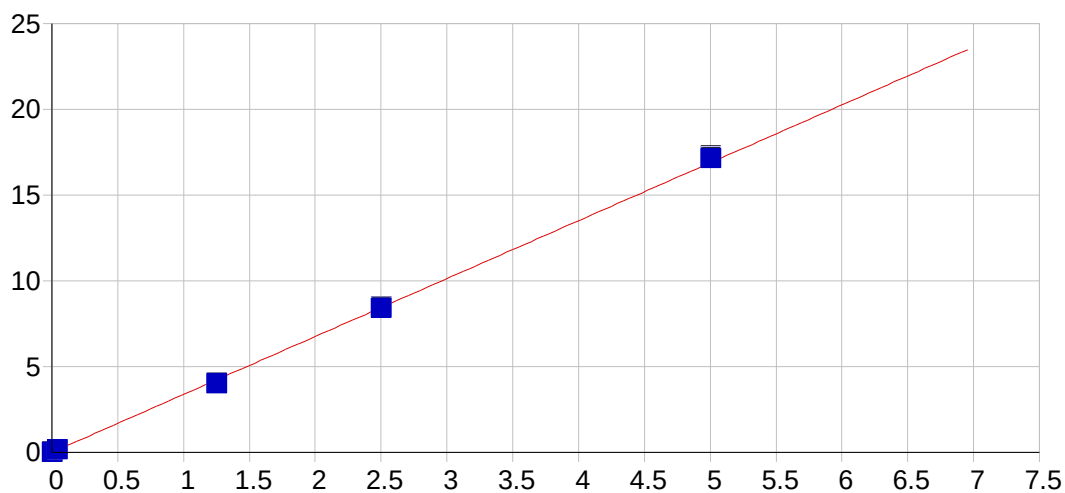
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00030	.000	1
S1	.04000	.04185	.002	4.63	.01060	.000	1
S3	1.2500	1.2528	.003	.221	.31139	.001	1
S4	2.5000	2.5360	.036	1.44	.63009	.002	1
S5	5.0000	4.9594	-.041	-.811	1.2318	.003	1



Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.170263 Re-Slope: 1.000000
 A1 (Gain): 118.544210 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999924 Status: OK.
 Std Error of Est: 0.035554
 Predicted MDL: 0.000377
 Predicted MQL: 0.001257

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.16985	.091	1
S1	.04000	.04274	.003	6.84	5.2675	.251	1
S3	1.2500	1.2849	.035	2.79	153.38	4.32	1
S4	2.5000	2.4868	-.013	-.530	296.75	5.15	1
S5	5.0000	4.9756	-.024	-.488	593.59	4.76	1

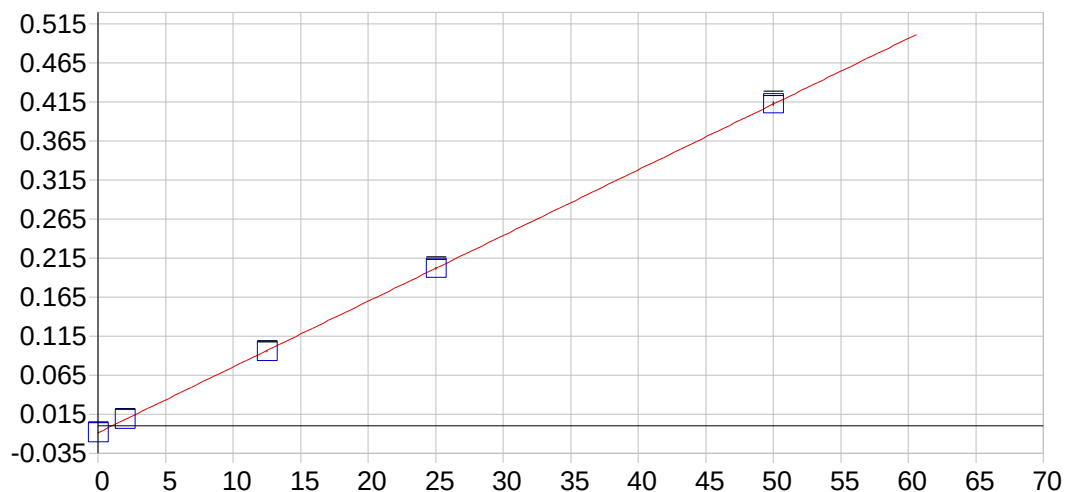


Zn 213.856 {458}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.003949 Re-Slope: 1.000000
 A1 (Gain): 3.375783 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999742 Status: OK.
 Std Error of Est: 0.001866
 Predicted MDL: 0.000117
 Predicted MQL: 0.000389

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00396	.000	1
S1	.04000	.03955	-.000	-1.13	.13840	.001	1
S3	1.2500	1.1846	-.065	-5.23	4.0299	.007	1
S4	2.5000	2.4907	-.009	-.372	8.4659	.008	1
S5	5.0000	5.0751	.075	1.50	17.244	.019	1



K 766.490 {44}

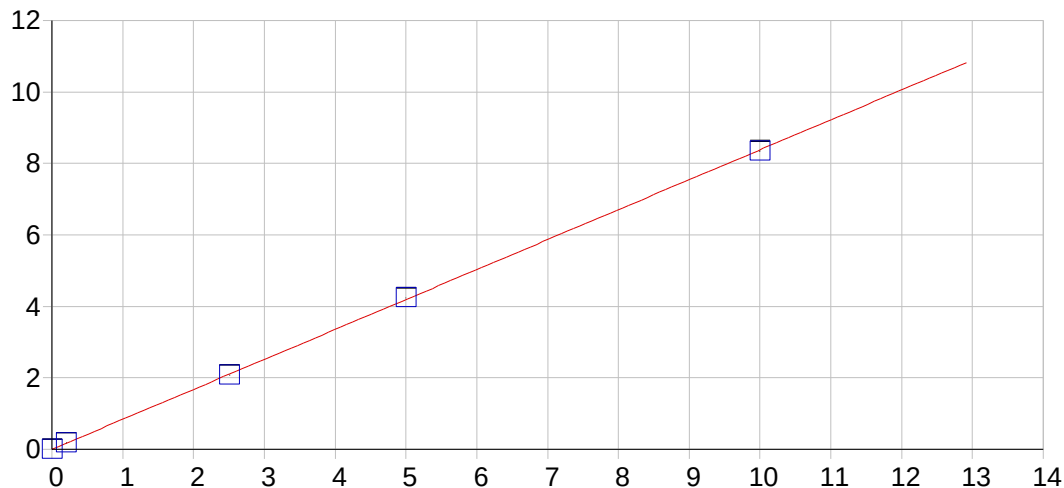
Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.008617 Re-Slope: 1.000000
 A1 (Gain): 0.008420 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999974
 Std Error of Est: 0.000033
 Predicted MDL: 0.065106
 Predicted MQL: 0.217021

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S2	2.0000	2.0729	.073	3.64	.00884	.000	1
S0	.00000	-.00005	-.000	.000	-.00862	.000	1
S3	12.500	12.346	-.154	-1.23	.09534	.001	1
S4	25.000	24.997	-.003	-.012	.20186	.002	1
S5	50.000	50.084	.084	.168	.41309	.003	1



Mo 202.030 {467}

Date of Fit: 8/15/2019 13:50:52

Type of Fit: Linear

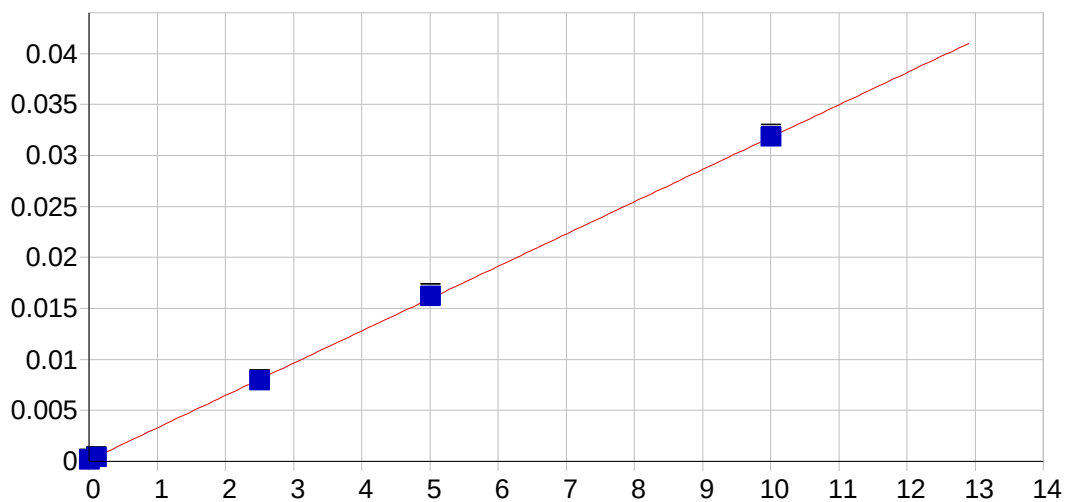
Weighting: 1/Conc

A0 (Offset): 0.000339
 A1 (Gain): 0.838219
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999967
 Std Error of Est: 0.000526
 Predicted MDL: 0.000384
 Predicted MQL: 0.001282

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00033	.000	1
S1	.20000	.20646	.006	3.23	.17340	.001	1
S3	2.5000	2.4854	-.015	-.582	2.0837	.002	1
S4	5.0000	5.0570	.057	1.14	4.2392	.011	1
S5	10.000	9.9511	-.049	-.489	8.3416	.014	1

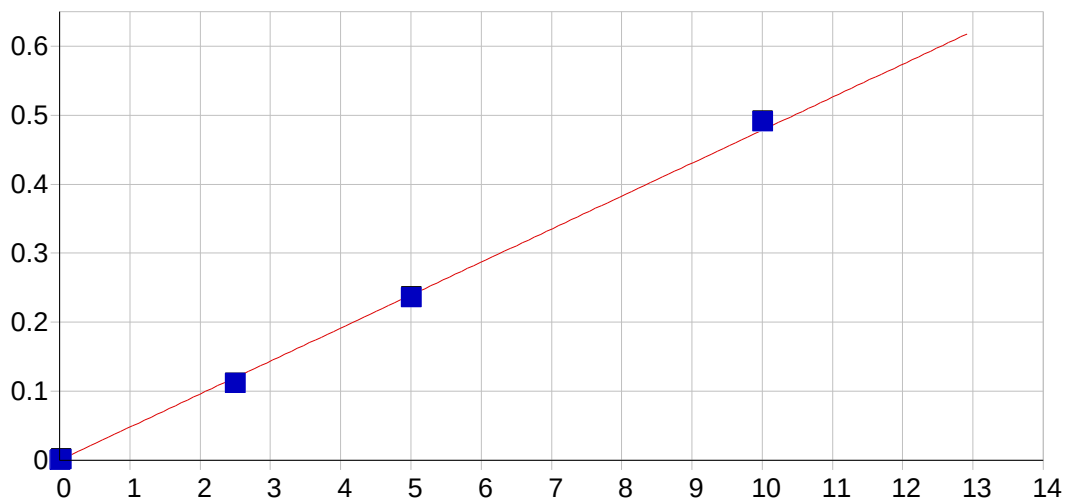


B 249.678 {135}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.003167 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999782 Status: OK.
 Std Error of Est: 0.000004
 Predicted MDL: 0.017419
 Predicted MQL: 0.058063

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00013	.000	1
S1	.10000	.07618	-.024	-23.8	.00037	.000	1
S3	2.5000	2.4487	-.051	-2.05	.00787	.000	1
S4	5.0000	5.0676	.068	1.35	.01614	.000	1
S5	10.000	10.007	.007	.075	.03176	.000	1



S 182.034 {485}

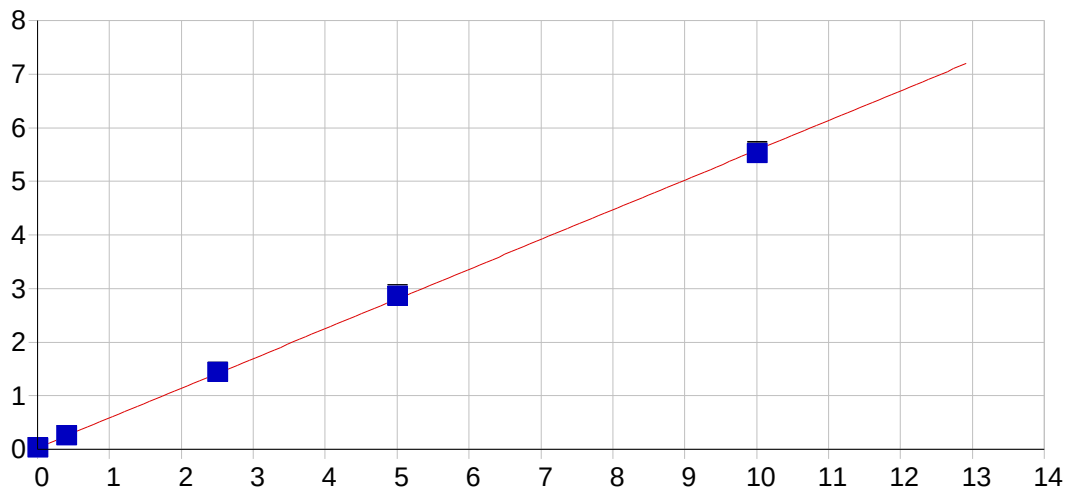
Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000378 Re-Slope: 1.000000
 A1 (Gain): 0.047794 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999399
 Std Error of Est: 0.000040
 Predicted MDL: 0.004433
 Predicted MQL: 0.014776

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.02000	.02040	.000	1.98	.00132	.000	1
S3	2.5000	2.3165	-.183	-7.34	.11096	.000	1
S4	5.0000	4.9278	-.072	-1.44	.23563	.001	1
S5	10.000	10.255	.255	2.55	.48998	.001	1



Si 288.158 {117}

Date of Fit: 8/15/2019 13:50:52

Type of Fit: Linear

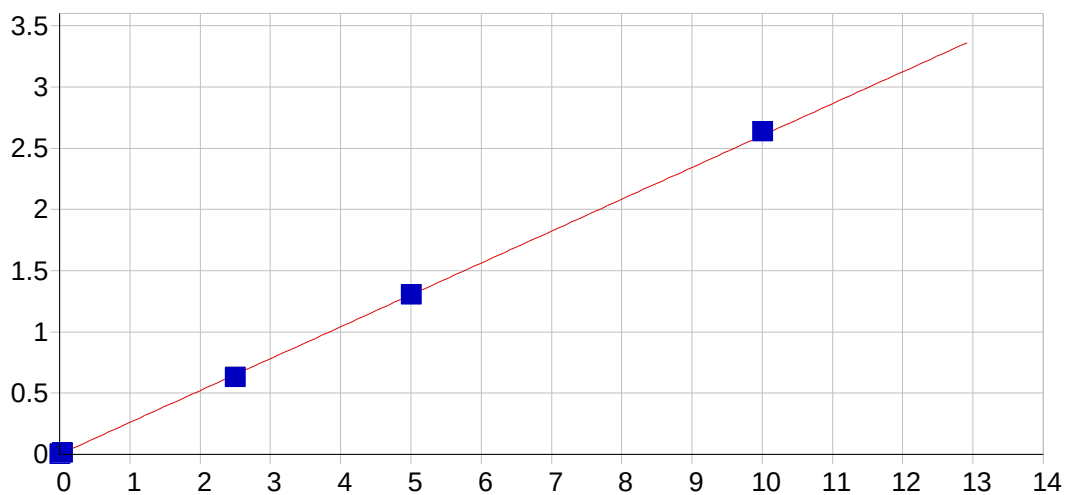
Weighting: 1/Conc

A0 (Offset): 0.028635
 A1 (Gain): 0.554960
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999912
 Std Error of Est: 0.000804
 Predicted MDL: 0.003433
 Predicted MQL: 0.011445

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02863	.001	1
S1	.40000	.39544	-.005	-1.14	.24790	.001	1
S3	2.5000	2.5265	.027	1.06	1.4300	.005	1
S4	5.0000	5.0891	.089	1.78	2.8514	.025	1
S5	10.000	9.8890	-.111	-1.11	5.5137	.031	1

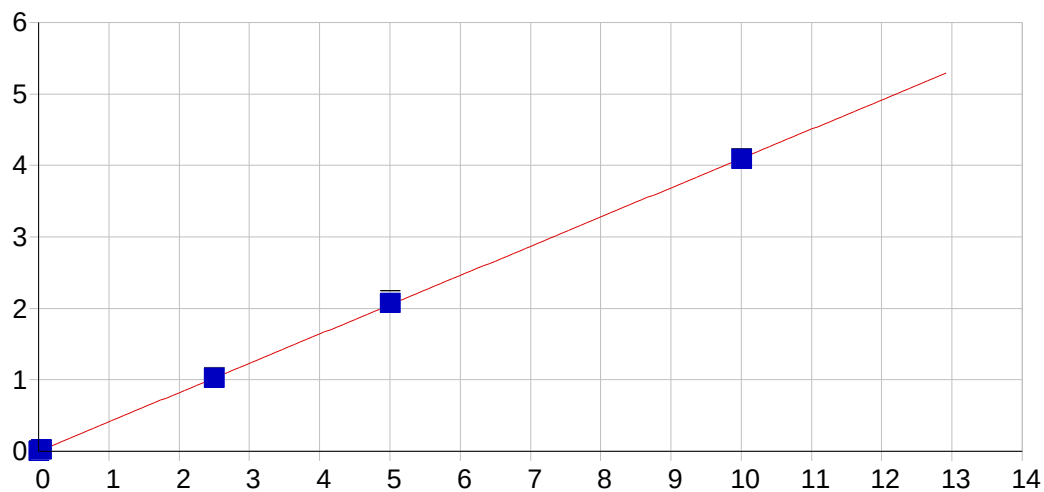


Sn 189.989 {477}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000693 Re-Slope: 1.000000
 A1 (Gain): 0.260250 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999835 Status: OK.
 Std Error of Est: 0.000161
 Predicted MDL: 0.000864
 Predicted MQL: 0.002879

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00069	.000	1
S1	.04000	.03481	-.005	-13.0	.00975	.000	1
S3	2.5000	2.4026	-.097	-3.90	.62609	.003	1
S4	5.0000	4.9891	-.011	-.218	1.2993	.001	1
S5	10.000	10.113	.113	1.13	2.6332	.002	1



Ti 336.121 {100}

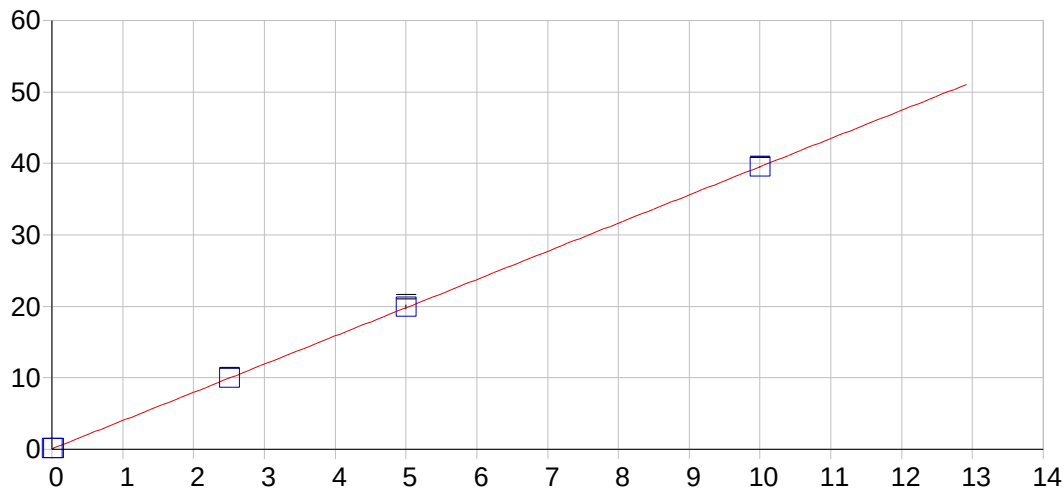
Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.002362 Re-Slope: 1.000000
 A1 (Gain): 0.409451 Y-int: 0.000000

A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982
 Std Error of Est: 0.000085
 Predicted MDL: 0.002747
 Predicted MQL: 0.009157

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00236	.001	1
S1	.04000	.04122	.001	3.05	.01923	.000	1
S3	2.5000	2.4901	-.010	-.396	1.0218	.004	1
S4	5.0000	5.0463	.046	.926	2.0683	.040	1
S5	10.000	9.9624	-.038	-.376	4.0809	.008	1



Li 670.784 { 50}

Date of Fit: 8/15/2019 13:50:52

Type of Fit: Linear

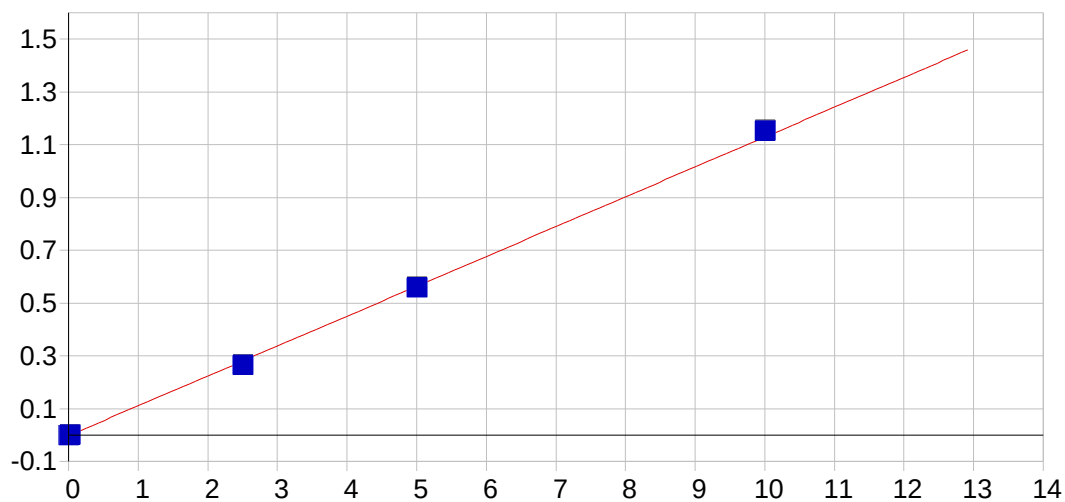
Weighting: 1/Conc

A0 (Offset): 0.071359
 A1 (Gain): 3.947645
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999840
 Std Error of Est: 0.001704
 Predicted MDL: 0.001343
 Predicted MQL: 0.004476

Re-Slope: 1.000000
 Y-int: 0.000000

Status: OK.

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.07140	.005	1
S1	.02000	.00959	-.010	-52.0	.10923	.003	1
S3	2.5000	2.5048	.005	.191	9.9593	.027	1
S4	5.0000	5.0255	.025	.509	19.910	.310	1
S5	10.000	9.9802	-.020	-.198	39.470	.086	1

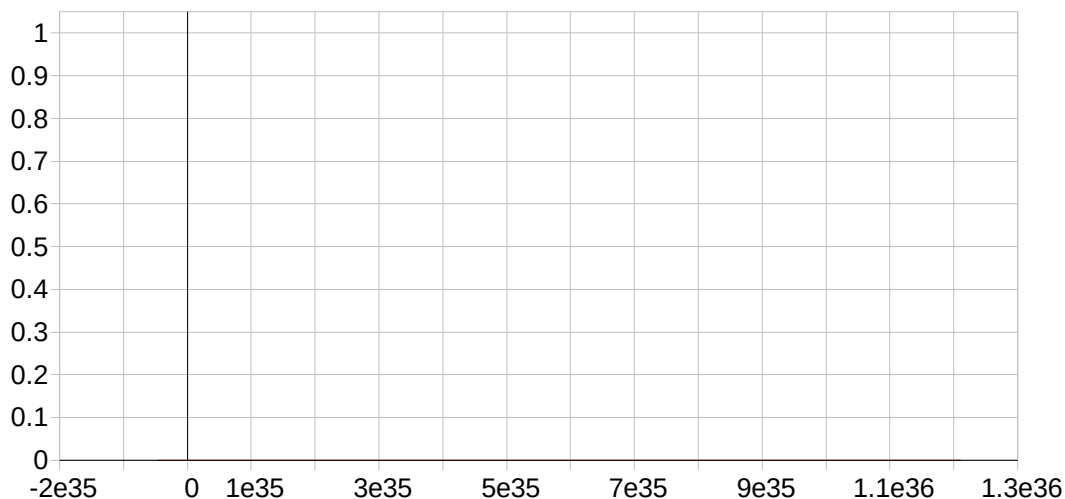


P 177.495 {490}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002462 Re-Slope: 1.000000
 A1 (Gain): 0.113146 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999579 Status: OK.
 Std Error of Est: 0.000079
 Predicted MDL: 0.001987
 Predicted MQL: 0.006622

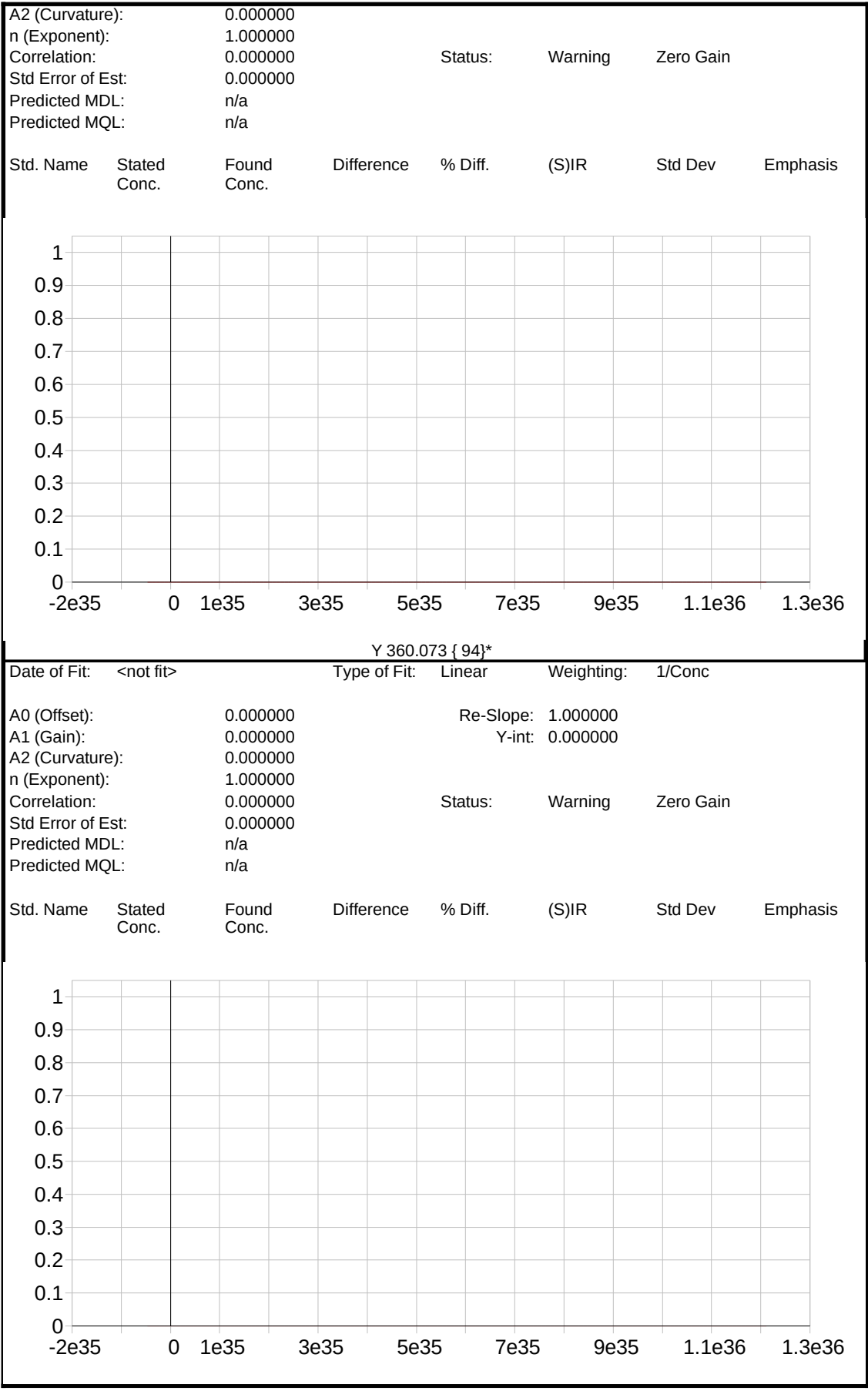
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00246	.000	1
S1	.02000	.01704	-.003	-14.8	-.00054	.000	1
S3	2.5000	2.3459	-.154	-6.16	.26256	.000	1
S4	5.0000	4.9499	-.050	-1.00	.55678	.001	1
S5	10.000	10.207	.207	2.07	1.1508	.002	1

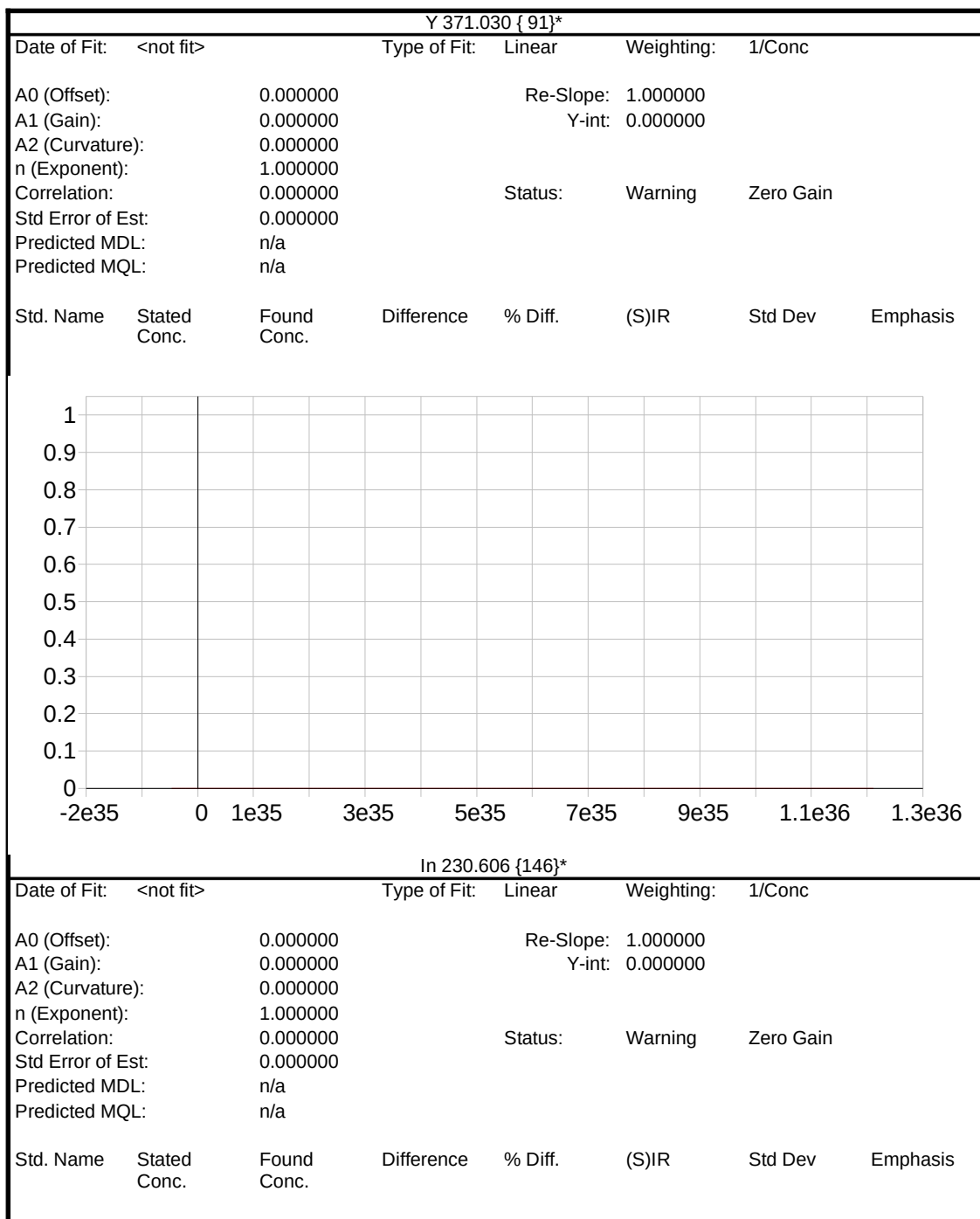


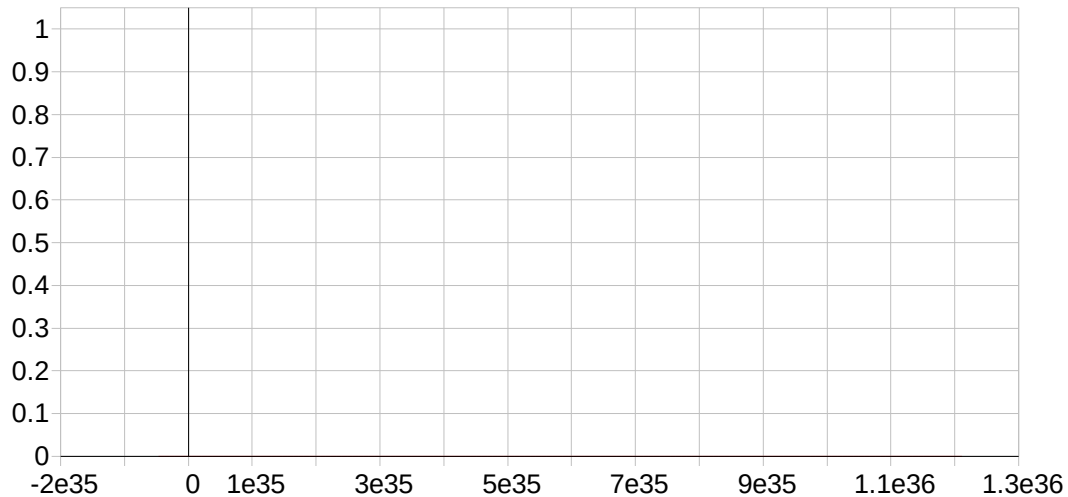
Y 224.306 {450}*

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

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



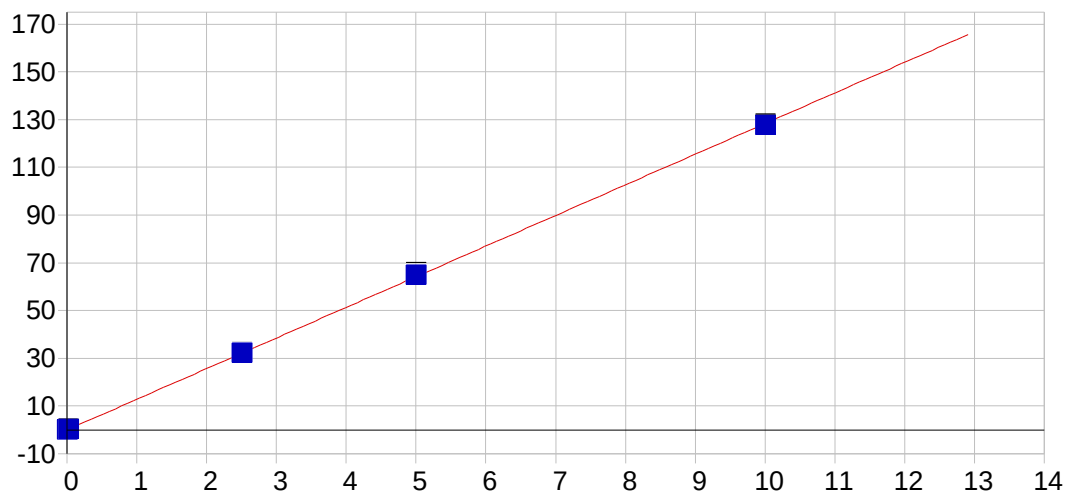




Date of Fit: <not fit> Type of Fit: Linear Weighting: 1/Conc

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

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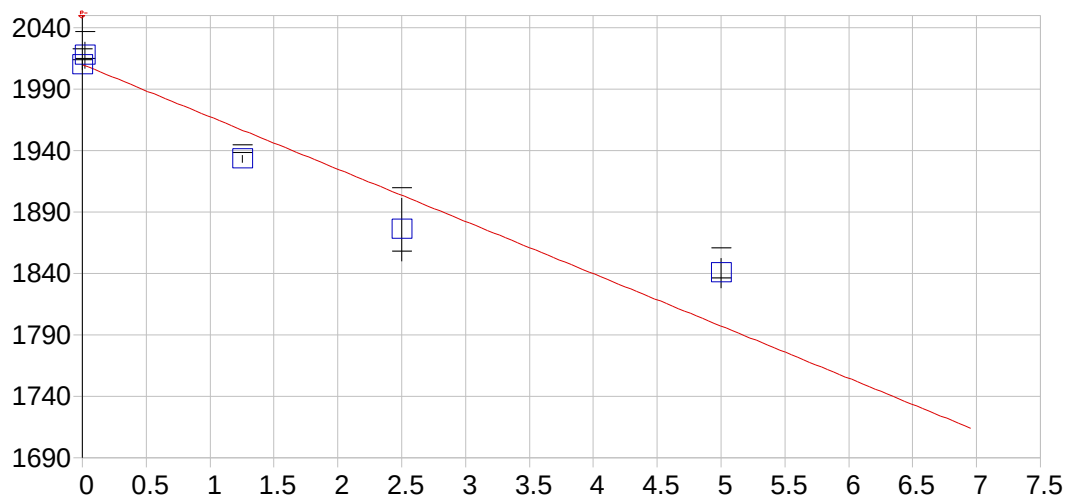


Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002187 Re-Slope: 1.000000
 A1 (Gain): 12.832724 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999968 Status: OK.
 Std Error of Est: 0.002502
 Predicted MDL: 0.000162

Predicted MQL: 0.000540

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00222	.001	1
S1	.02000	.02207	.002	10.4	.28250	.002	1
S3	2.5000	2.5101	.010	.402	32.244	.092	1
S4	5.0000	5.0500	.050	1.000	64.873	.949	1
S5	10.000	9.9379	-.062	-.621	127.67	.339	1

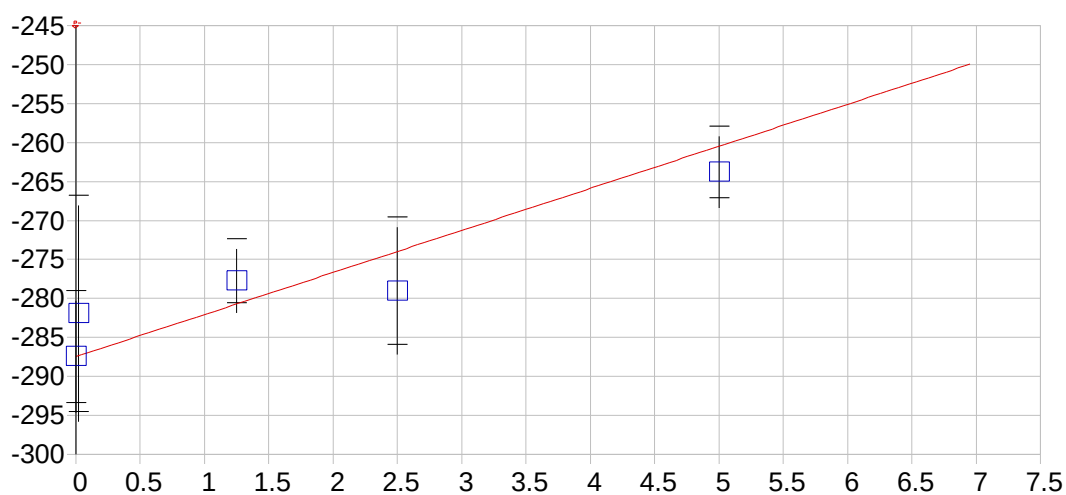


U 367.007 { 92 }

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 2010.079782 Re-Slope: 1.000000
A1 (Gain): -42.557588 Y-int: 0.000000
A2 (Curvature): 0.000000
n (Exponent): 1.000000
Correlation: 0.879104 Status: Warning Negative Gain
Std Error of Est: 0.394299
Predicted MDL: n/a
Predicted MQL: n/a

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00019	.000	.000	2010.1	4.45	1
S1	.02000	-.17767	-.198	-988.	2017.6	11.1	1
S3	1.2500	1.8057	.556	44.5	1933.2	2.96	1
S4	2.5000	3.1535	.653	26.1	1875.9	25.7	1
S5	5.0000	3.9885	-1.01	-20.2	1840.3	12.2	1



U 385.958 { 87}

Date of Fit: 8/15/2019 13:50:52 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -287.452581 Re-Slope: 1.000000
 A1 (Gain): 5.393151 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.382787 Status: OK.
 Std Error of Est: 0.222428
 Predicted MDL: 2.246981
 Predicted MQL: 7.489938

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00100	-.001	.000	-287.46	7.18	1
S1	.02000	1.0236	1.00	5020.	-281.93	13.9	1
S3	1.2500	1.7977	.548	43.8	-277.76	4.08	1
S4	2.5000	1.5605	-.940	-37.6	-279.04	8.17	1
S5	5.0000	4.3882	-.612	-12.2	-263.79	4.60	1

Sample Name: S0 Acquired: 8/15/2019 12:16:10 Type: Cal
Method: P4-ICP2(v3342) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: 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	-.00046	-.00100	.00494	-.00075	.00086	.00200	-.00097	.00002
Stddev	.00017	.00023	.00050	.00015	.00016	.00004	.00043	.00004
%RSD	35.812	22.407	10.178	19.903	18.293	1.8337	44.819	224.19

#1	-.00042	-.00080	.00551	-.00092	.00096	.00201	-.00111	.00004
#2	-.00032	-.00097	.00477	-.00063	.00093	.00196	-.00131	-.00003
#3	-.00064	-.00124	.00455	-.00069	.00068	.00203	-.00048	.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00310	.00232	.00016	.00064	.01265	.00142	.00056	-.00006
Stddev	.00036	.00097	.00008	.00029	.00039	.00004	.00017	.00006
%RSD	11.455	41.868	48.368	45.121	3.0762	2.9326	30.723	101.73

#1	.00347	.00209	.00024	.00065	.01235	.00146	.00048	-.00011
#2	.00308	.00149	.00016	.00034	.01309	.00139	.00075	-.00005
#3	.00276	.00338	.00009	.00092	.01251	.00139	.00044	-.00000

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.01373	.00072	.02555	.00030	.00396	-.00862	.00033	.00013
Stddev	.00014	.00024	.00050	.00009	.00028	.00035	.00010	.00005
%RSD	.98474	33.258	1.9600	29.799	7.1140	4.0274	28.691	36.560

#1	-.01377	.00045	.02498	.00020	.00412	-.00889	.00039	.00010
#2	-.01359	.00078	.02592	.00032	.00412	-.00874	.00039	.00018
#3	-.01385	.00092	.02575	.00037	.00363	-.00823	.00022	.00010

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00038	.02863	.00069	.00236	.07140	-.0025	-.00222	2010.1
Stddev	.00004	.00099	.00028	.00108	.00532	.0001	.00110	4.4
%RSD	11.546	3.4486	40.265	45.708	7.4447	4.058	49.796	.22118

#1	.00037	.02786	.00102	.00358	.07102	-.0024	-.00105	2005.6
#2	.00034	.02830	.00054	.00152	.06628	-.0025	-.00236	2010.2
#3	.00043	.02975	.00053	.00198	.07689	-.0025	-.00324	2014.4

Sample Name: S0 Acquired: 8/15/2019 12:16:10 Type: Cal
Method: P4-ICP2(v3342) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-287.46
Stddev	7.18
%RSD	2.4987

#1	-279.32
#2	-290.14
#3	-292.92

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.2	23848.	2245.5	24.560	2146.1
Stddev	5.1	69.	6.8	.366	7.8
%RSD	.24974	.28936	.30322	1.4899	.36175

#1	2017.6	23774.	2237.7	24.810	2137.7
#2	2027.5	23857.	2249.4	24.730	2153.0
#3	2024.5	23911.	2249.5	24.140	2147.7

Sample Name: S1 Acquired: 8/15/2019 12:20:36 Type: Cal
Method: P4-ICP2(v3342) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: 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	.00094	.00742	.00884	.00080	.01013	.00338	.05328	.00891
Stddev	.00012	.00014	.00014	.00010	.00032	.00023	.00033	.00026
%RSD	12.288	1.8615	1.5744	12.149	3.1379	6.6851	.62358	2.9070

#1	.00083	.00750	.00900	.00079	.01038	.00343	.05290	.00890
#2	.00095	.00748	.00876	.00071	.00977	.00313	.05346	.00918
#3	.00106	.00726	.00877	.00090	.01025	.00357	.05349	.00866

Elem	Cd2265	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Ni2316	Ag3280
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.03731	.00346	.04885	.03341	.01642	.04246	.02176	.00419
Stddev	.00042	.00007	.00040	.00039	.00016	.00010	.00062	.00032
%RSD	1.1158	2.1443	.81327	1.1548	.98963	.23084	2.8341	7.6489

#1	.03693	.00350	.04910	.03382	.01651	.04235	.02105	.00383
#2	.03725	.00350	.04906	.03336	.01652	.04248	.02208	.00444
#3	.03775	.00338	.04839	.03305	.01623	.04255	.02215	.00429

Elem	V_2924	Zn2138	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01060	.13840	.17340	.00037	.00132	.24790	.00975	.01923
Stddev	.00017	.00073	.00091	.00006	.00027	.00137	.00003	.00046
%RSD	1.6495	.53029	.52363	15.571	20.271	.55316	.28841	2.4130

#1	.01040	.13782	.17236	.00031	.00132	.24679	.00974	.01876
#2	.01071	.13815	.17380	.00037	.00106	.24943	.00978	.01924
#3	.01069	.13922	.17404	.00042	.00159	.24749	.00973	.01969

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.10923	-.0005	.28250	2017.6	-281.93
Stddev	.00287	.0001	.00219	11.1	13.90
%RSD	2.6259	22.55	.77531	.55179	4.9312

#1	.11095	-.0007	.28160	2004.9	-280.86
#2	.11083	-.0004	.28500	2025.4	-296.34
#3	.10592	-.0005	.28091	2022.6	-268.60

Sample Name: S1 Acquired: 8/15/2019 12:20:36 Type: Cal
Method: P4-ICP2(v3342) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.2	23800.	2242.3	25.610	2149.3
Stddev	3.6	9.	4.6	.545	1.0
%RSD	.17857	.03938	.20613	2.1281	.04765
#1	2034.0	23810.	2241.0	25.015	2149.7
#2	2027.1	23798.	2238.4	25.730	2148.2
#3	2032.5	23791.	2247.4	26.085	2150.1

Sample Name: S2 Acquired: 8/15/2019 12:25:04 Type: Cal
Method: P4-ICP2(v3342) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Ca3736	Mg2790	Na5895	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.13308	.00238	.09856	.00884
Stddev	.00292	.00007	.00070	.00038
%RSD	2.1955	3.0972	.70542	4.3272

#1	.12972	.00245	.09843	.00840
#2	.13449	.00230	.09794	.00903
#3	.13503	.00240	.09931	.00909

Int. Std.	Y_3600	Y_3710
Units	Cts/S	Cts/S
Avg	23780.	2242.8
Stddev	138.	8.4
%RSD	.58116	.37528

#1	23626.	2240.6
#2	23893.	2235.7
#3	23822.	2252.1

Sample Name: S3 Acquired: 8/15/2019 12:29:19 Type: Cal
Method: P4-ICP2(v3342) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: 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	.16877	.52827	.97703	.18724	.41535	.05290	2.5847	.17335
Stddev	.00071	.00161	.00221	.00139	.00032	.00012	.0176	.00046
%RSD	.41852	.30534	.22640	.74499	.07591	.22739	.68224	.26593

#1	.16906	.52669	.97798	.18801	.41503	.05284	2.5645	.17320
#2	.16796	.52821	.97450	.18563	.41537	.05282	2.5970	.17298
#3	.16928	.52991	.97861	.18808	.41566	.05304	2.5925	.17387

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.8345	.75584	.15429	1.9722	.61207	.35111	2.2876	.01402
Stddev	.0149	.00478	.00054	.0045	.00056	.00099	.0059	.00025
%RSD	.21864	.63287	.34748	.22836	.09128	.28285	.25803	1.7628

#1	6.8261	.75230	.15443	1.9711	.61246	.35017	2.2808	.01374
#2	6.8256	.75393	.15474	1.9683	.61143	.35214	2.2906	.01412
#3	6.8517	.76128	.15369	1.9771	.61231	.35102	2.2914	.01421

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0485	.20092	.46393	.31139	4.0299	.09534	2.0837	.00787
Stddev	.0011	.00036	.00222	.00080	.0074	.00059	.0021	.00012
%RSD	.10765	.17995	.47780	.25648	.18364	.61760	.10031	1.4809

#1	1.0478	.20104	.46143	.31048	4.0317	.09573	2.0845	.00774
#2	1.0478	.20120	.46566	.31170	4.0217	.09562	2.0813	.00796
#3	1.0498	.20051	.46469	.31198	4.0362	.09466	2.0852	.00790

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11096	1.4300	.62609	1.0218	9.9593	.2626	32.244	1933.2
Stddev	.00019	.0053	.00281	.0039	.0269	.0004	.092	3.0
%RSD	.16990	.36708	.44936	.38467	.26970	.1404	.28415	.15288

#1	.11117	1.4312	.62664	1.0200	9.9789	.2622	32.162	1936.1
#2	.11081	1.4243	.62304	1.0191	9.9287	.2625	32.226	1933.4
#3	.11090	1.4346	.62859	1.0263	9.9703	.2630	32.343	1930.2

Sample Name: S3 Acquired: 8/15/2019 12:29:19 Type: Cal
 Method: P4-ICP2(v3342) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-277.76
Stddev	4.08
%RSD	1.4680

#1	-273.57
#2	-277.98
#3	-281.72

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.9	23619.	2238.3	23.785	2004.2
Stddev	2.3	38.	8.1	.685	2.1
%RSD	.11385	.16220	.36275	2.8795	.10361

#1	2003.4	23661.	2231.5	23.373	2003.0
#2	2007.8	23587.	2247.3	23.406	2006.6
#3	2006.6	23608.	2236.1	24.575	2002.9

Sample Name: S4 Acquired: 8/15/2019 12:33:23 Type: Cal
Method: P4-ICP2(v3342) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: 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	.34436	1.0796	2.0181	.38113	.84840	.10595	5.2977	.35173
Stddev	.00043	.0006	.0041	.00031	.00218	.00081	.0342	.00090
%RSD	.12390	.05547	.20275	.08144	.25646	.76536	.64623	.25705

#1	.34481	1.0801	2.0208	.38097	.85090	.10513	5.2588	.35093
#2	.34396	1.0789	2.0200	.38149	.84736	.10676	5.3110	.35271
#3	.34432	1.0797	2.0134	.38093	.84693	.10595	5.3232	.35153

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	14.264	1.5184	.31013	4.0959	1.2191	.70061	4.6139	.02839
Stddev	.018	.0190	.00095	.0046	.0024	.00166	.0171	.00012
%RSD	.12884	1.2486	.30561	.11257	.19983	.23628	.37004	.43627

#1	14.271	1.4965	.31049	4.0944	1.2193	.69995	4.6321	.02826
#2	14.277	1.5291	.31084	4.1011	1.2215	.70249	4.6114	.02851
#3	14.243	1.5296	.30905	4.0923	1.2166	.69939	4.5982	.02840

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1636	.40348	.92527	.63009	8.4659	.20186	4.2392	.01614
Stddev	.0062	.00071	.00729	.00190	.0084	.00157	.0105	.00024
%RSD	.28684	.17620	.78771	.30220	.09891	.77632	.24787	1.5054

#1	2.1640	.40401	.91705	.62886	8.4601	.20014	4.2459	.01587
#2	2.1696	.40375	.92783	.63228	8.4755	.20322	4.2446	.01625
#3	2.1572	.40267	.93094	.62912	8.4621	.20222	4.2271	.01631

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23563	2.8514	1.2993	2.0683	19.910	.5568	64.873	1875.9
Stddev	.00081	.0248	.0015	.0403	.310	.0008	.949	25.7
%RSD	.34394	.86918	.11212	1.9465	1.5594	.1464	1.4633	1.3724

#1	.23646	2.8233	1.3010	2.0221	19.558	.5571	63.799	1905.1
#2	.23559	2.8609	1.2982	2.0871	20.029	.5574	65.220	1856.4
#3	.23485	2.8700	1.2988	2.0958	20.144	.5559	65.601	1866.2

Sample Name: S4 Acquired: 8/15/2019 12:33:23 Type: Cal
Method: P4-ICP2(v3342) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	Cts/S
Avg	-279.04
Stddev	8.17
%RSD	2.9275

#1	-270.58
#2	-279.65
#3	-286.88

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.8	23245.	2233.3	24.313	1889.9
Stddev	5.2	53.	20.8	.462	4.3
%RSD	.26774	.22637	.93355	1.8982	.23006

#1	1950.1	23258.	2257.3	24.182	1889.8
#2	1949.4	23187.	2220.2	24.826	1885.6
#3	1958.8	23290.	2222.3	23.931	1894.3

Sample Name: S5 Acquired: 8/15/2019 12:37:22 Type: Cal
Method: P4-ICP2(v3342) Mode: IR Corr. Factor: 1.000000
User: Bin Custom ID1: 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	.68473	2.1585	4.0703	.74949	1.6746	.20749	10.440	.68029
Stddev	.00188	.0027	.0046	.00259	.0020	.00235	.053	.00044
%RSD	.27461	.12705	.11255	.34491	.11713	1.1350	.50605	.06481

#1	.68664	2.1595	4.0754	.75241	1.6750	.20477	10.380	.68014
#2	.68466	2.1554	4.0665	.74856	1.6725	.20888	10.480	.68079
#3	.68288	2.1606	4.0691	.74750	1.6764	.20881	10.460	.67995

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	28.904	2.9826	.59740	8.2855	2.3523	1.3528	8.8930	.05581
Stddev	.041	.0088	.00078	.0020	.0029	.0009	.0331	.00044
%RSD	.14135	.29403	.13005	.02404	.12408	.06732	.37262	.78821

#1	28.932	2.9747	.59650	8.2869	2.3524	1.3519	8.8555	.05530
#2	28.857	2.9810	.59783	8.2832	2.3493	1.3537	8.9183	.05605
#3	28.923	2.9920	.59787	8.2865	2.3551	1.3530	8.9052	.05607

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3637	.78554	1.8082	1.2318	17.244	.41309	8.3416	.03176
Stddev	.0091	.00150	.0087	.0028	.019	.00269	.0144	.00024
%RSD	.20934	.19037	.48079	.22608	.11057	.65057	.17244	.74229

#1	4.3678	.78483	1.7983	1.2288	17.256	.41022	8.3582	.03150
#2	4.3532	.78725	1.8117	1.2343	17.222	.41555	8.3333	.03180
#3	4.3700	.78453	1.8147	1.2322	17.255	.41350	8.3332	.03197

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.48998	5.5137	2.6332	4.0809	39.470	1.151	127.67	1840.3
Stddev	.00068	.0312	.0019	.0081	.086	.002	.34	12.2
%RSD	.13913	.56525	.07120	.19914	.21872	.1688	.26572	.66385

#1	.49069	5.5013	2.6312	4.0739	39.477	1.152	127.82	1828.8
#2	.48993	5.4906	2.6349	4.0791	39.380	1.149	127.28	1839.0
#3	.48933	5.5491	2.6334	4.0899	39.552	1.151	127.90	1853.2

Sample Name: S5 Acquired: 8/15/2019 12:37:22 Type: Cal
 Method: P4-ICP2(v3342) Mode: IR Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	Cts/S
Avg	-263.79
Stddev	4.60
%RSD	1.7421

#1	-260.45
#2	-269.03
#3	-261.89

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.0	23038.	2212.9	23.071	1782.1
Stddev	1.5	23.	13.6	.209	.7
%RSD	.07889	.09960	.61489	.90499	.03959

#1	1916.4	23064.	2200.1	23.142	1781.9
#2	1919.5	23029.	2227.2	22.836	1782.9
#3	1918.1	23021.	2211.5	23.235	1781.5

Sample Name: ICV01 Acquired: 8/15/2019 12:41:20 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0183	1.0293	.99188	1.0259	1.0186	2.5679	.50619
Stddev	.0049	.0041	.00177	.0054	.0054	.0159	.00265
%RSD	.48346	.39581	.17864	.53020	.52750	.61784	.52370

#1	1.0126	1.0319	.99392	1.0319	1.0170	2.5512	.50508
#2	1.0214	1.0314	.99104	1.0246	1.0142	2.5828	.50427
#3	1.0207	1.0246	.99069	1.0212	1.0246	2.5696	.50921

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49869	.48367	10.360	.52349	.49206	.53498	5.2584
Stddev	.00072	.00229	.028	.00171	.00062	.00243	.0073
%RSD	.14419	.47326	.27092	.32654	.12573	.45496	.13819

#1	.49848	.48409	10.350	.52287	.49157	.53614	5.2504
#2	.49949	.48120	10.337	.52542	.49275	.53219	5.2604
#3	.49810	.48573	10.391	.52218	.49185	.53663	5.2645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52283	5.9602	.49983	.50099	9.8626	.50211	.96938
Stddev	.00204	.0542	.00123	.00116	.0354	.00073	.00352
%RSD	.39078	.90971	.24646	.23098	.35917	.14545	.36285

#1	.52510	5.9900	.50091	.49966	9.8879	.50296	.96994
#2	.52115	5.8976	.49849	.50177	9.8222	.50173	.96562
#3	.52224	5.9930	.50010	.50155	9.8778	.50166	.97258

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.9862	2.4727	2.4204	F .00766	2.4952	2.3365	2.4546
Stddev	.0737	.0211	.0134	.00171	.0051	.0080	.0168
%RSD	.73801	.85209	.55368	22.393	.20512	.34428	.68583

#1	10.071	2.4688	2.4050	.00893	2.5009	2.3273	2.4539
#2	9.9462	2.4538	2.4294	.00833	2.4911	2.3401	2.4382
#3	9.9412	2.4954	2.4268	.00571	2.4936	2.3421	2.4718

Sample Name: ICV01 Acquired: 8/15/2019 12:41:20 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F -.00066	F .0008	F .00681	F .20356	F 3.1198
Stddev	.00213	.0010	.00019	.27178	1.3133
%RSD	321.31	114.5	2.8511	133.51	42.097

#1	.00161	.0018	.00695	-.10474	2.8859
#2	-.00099	.0009	.00659	.40848	4.5344
#3	-.00261	-.0001	.00690	.30694	1.9391

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.8	23796.	2227.5	25.897	2072.2
Stddev	13.4	104.	14.0	.814	8.7
%RSD	.66364	.43654	.62757	3.1436	.42159

#1	2007.2	23677.	2211.4	24.960	2066.3
#2	2026.8	23846.	2235.6	26.304	2082.3
#3	2001.3	23866.	2235.6	26.428	2068.2

Sample Name: LLICV01 Acquired: 8/15/2019 13:01:33 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01926	.03835	.01148	.02000	.05799	.11359	.10402	.00659
Stddev	.00298	.00154	.00079	.00167	.00077	.02582	.00204	.00009
%RSD	15.499	4.0159	6.8687	8.3456	1.3261	22.731	1.9593	1.3485

#1	.01680	.03694	.01153	.01897	.05839	.09972	.10179	.00661
#2	.02258	.03999	.01224	.02192	.05848	.09766	.10578	.00649
#3	.01839	.03811	.01067	.01909	.05710	.14338	.10450	.00667

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00590	2.0845	.01065	.02958	.02236	.10965	.02319	2.1469
Stddev	.00007	.0273	.00050	.00036	.00034	.00228	.00006	.0441
%RSD	1.1638	1.3100	4.6830	1.2091	1.5379	2.0823	.25467	2.0530

#1	.00597	2.0861	.01111	.02938	.02217	.11226	.02325	2.1081
#2	.00588	2.1110	.01072	.02999	.02216	.10865	.02319	2.1379
#3	.00584	2.0565	.01012	.02937	.02276	.10803	.02313	2.1948

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04035	.01181	1.9059	.04220	.04005	1.9627	.20713	F .06056
Stddev	.00062	.00049	.0261	.00008	.00005	.0671	.00045	.01044
%RSD	1.5301	4.1325	1.3708	.19089	.12728	3.4178	.21766	17.240

#1	.04056	.01126	1.8794	.04211	.04011	1.8854	.20755	.06611
#2	.03966	.01220	1.9317	.04227	.04001	2.0061	.20665	.04852
#3	.04084	.01197	1.9066	.04223	.04004	1.9965	.20718	.06705

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01646	.39699	.03441	.03620	F .00961	.0182	.02195	F .42843
Stddev	.00298	.00497	.00062	.00092	.00100	.0017	.00011	.62090
%RSD	18.123	1.2513	1.8148	2.5306	10.445	9.557	.50345	144.93

#1	.01415	.40272	.03384	.03547	.01075	.0198	.02189	.81523
#2	.01983	.39441	.03431	.03723	.00925	.0163	.02208	-.28777
#3	.01541	.39385	.03508	.03590	.00884	.0184	.02189	.75782

Sample Name: LLICV01 Acquired: 8/15/2019 13:01:33 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LLICV01 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F .07217
Stddev	1.4938
%RSD	2069.7

#1	1.6560
#2	-1.3114
#3	-.12805

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.9	23711.	2236.3	24.417	2135.2
Stddev	6.8	43.	3.8	1.101	7.4
%RSD	.33836	.17934	.17003	4.5071	.34866

#1	2003.3	23745.	2231.9	23.210	2126.8
#2	2016.5	23663.	2238.8	25.365	2140.9
#3	2012.8	23724.	2238.1	24.675	2138.1

Sample Name: ICB01 Acquired: 8/15/2019 13:06:00 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00299	-.00126	-.00145	-.00340	.00164	-.00481	.00056	-.00006
Stddev	.00252	.00064	.00108	.00150	.00224	.01392	.00068	.00005
%RSD	84.192	50.752	74.726	44.134	136.50	289.48	122.16	87.720

#1	.00198	-.00100	-.00210	-.00333	.00377	-.01415	.00135	-.00009
#2	.00114	-.00079	-.00204	-.00193	-.00069	.01119	.00021	-.00009
#3	.00586	-.00199	-.00020	-.00493	.00183	-.01147	.00012	.00000

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.02144	-.00015	.00015	-.00034	-.00012	.00006	.00141
Stddev	.00008	.01529	.00032	.00027	.00022	.00051	.00003	.04437
%RSD	601.28	71.344	219.85	178.39	65.499	412.56	54.029	3139.9

#1	.00005	-.01818	-.00044	-.00011	-.00008	-.00033	.00004	.04105
#2	.00007	-.03810	.00020	.00044	-.00049	.00046	.00010	-.04653
#3	-.00008	-.00804	-.00020	.00014	-.00044	-.00049	.00004	.00972

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00060	.00027	-.23240	-.00011	-.00020	-.02741	-.00045	-.03437
Stddev	.00007	.00034	.01685	.00022	.00016	.06042	.00038	.01187
%RSD	11.352	126.41	7.2500	203.46	78.901	220.40	83.367	34.539

#1	-.00058	.00003	-.23985	-.00015	-.00004	.04176	-.00089	-.03816
#2	-.00055	.00065	-.21311	.00013	-.00020	-.05415	-.00022	-.04389
#3	-.00068	.00011	-.24424	-.00031	-.00035	-.06986	-.00025	-.02107

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00275	-.00631	-.00201	-.00240	-.00216	-.0017	-.00012	F .69569
Stddev	.00318	.00345	.00043	.00182	.00102	.0019	.00010	.44580
%RSD	115.43	54.574	21.416	75.648	47.254	114.8	82.740	64.081

#1	-.00641	-.00369	-.00250	-.00325	-.00102	-.0028	-.00005	.23763
#2	-.00116	-.01022	-.00173	-.00363	-.00246	-.0028	-.00023	1.1281
#3	-.00069	-.00503	-.00179	-.00031	-.00299	.0006	-.00008	.72130

Sample Name: ICB01 Acquired: 8/15/2019 13:06:00 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F .61163
Stddev	1.9859
%RSD	324.68

#1	1.5219
#2	1.9792
#3	-1.6662

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.8	23843.	2232.5	24.542	2128.3
Stddev	3.4	99.	15.6	.822	2.2
%RSD	.16772	.41405	.69732	3.3498	.10221

#1	2012.7	23855.	2215.0	23.925	2126.4
#2	2019.4	23739.	2237.7	25.475	2130.7
#3	2015.2	23936.	2244.8	24.225	2127.8

Sample Name: CRI01 Acquired: 8/15/2019 13:10:28 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02126	.04018	.01073	.01934	.05688	.10062	.10133
Stddev	.00164	.00093	.00045	.00471	.00162	.01317	.00102
%RSD	7.7006	2.3187	4.2270	24.352	2.8525	13.086	1.0069

#1	.02295	.04095	.01125	.01513	.05581	.10443	.10024
#2	.02115	.04044	.01053	.01847	.05607	.08597	.10147
#3	.01968	.03914	.01041	.02442	.05874	.11146	.10227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00643	.00594	2.0234	.01034	.02908	.02124	.10764
Stddev	.00013	.00006	.0466	.00004	.00034	.00033	.00098
%RSD	1.9917	1.0265	2.3016	.39283	1.1580	1.5636	.90612

#1	.00628	.00596	1.9874	.01039	.02898	.02096	.10873
#2	.00650	.00599	2.0760	.01032	.02946	.02161	.10738
#3	.00650	.00587	2.0068	.01032	.02881	.02117	.10683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02259	1.9980	.04006	.01056	1.8272	.04071	.03879
Stddev	.00001	.0640	.00032	.00025	.0070	.00091	.00013
%RSD	.04750	3.2018	.80538	2.3755	.38167	2.2330	.33974

#1	.02260	1.9642	.04036	.01027	1.8194	.04083	.03886
#2	.02258	1.9581	.04010	.01074	1.8330	.03975	.03887
#3	.02259	2.0718	.03972	.01066	1.8291	.04156	.03863

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.9301	.20250	.07109	.01947	.39189	.03453	.03861
Stddev	.0934	.00039	.00569	.00563	.00329	.00082	.00148
%RSD	4.8384	.19091	8.0103	28.914	.83934	2.3890	3.8210

#1	2.0303	.20262	.06489	.01903	.39523	.03374	.03877
#2	1.9145	.20207	.07228	.02530	.39178	.03539	.03707
#3	1.8455	.20281	.07609	.01407	.38866	.03446	.04000

Sample Name: CRI01 Acquired: 8/15/2019 13:10:28 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CRI01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00790	.0189	.02177	F .37649	F<.00000
Stddev	.00094	.0011	.00013	.70327	.52474
%RSD	11.889	5.967	.60261	186.80	38.495
#1	.00824	.0183	.02176	.21479	-1.5571
#2	.00684	.0183	.02191	-.23185	-.76905
#3	.00863	.0202	.02165	1.1465	-1.7633
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.2	23997.	2238.3	24.905	2148.5
Stddev	6.9	84.	12.4	.717	5.4
%RSD	.33997	.35093	.55571	2.8784	.25311
#1	2033.7	23924.	2223.9	24.125	2146.9
#2	2041.4	24089.	2246.0	25.535	2154.6
#3	2027.6	23977.	2244.9	25.055	2144.0

Sample Name: ICSA01 Acquired: 8/15/2019 13:14:55 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.01424	-.00489	-.00428	-.00244	.00975	275.28	.00691	.00048
Stddev	.00172	.00332	.00192	.00605	.00555	1.51	.00034	.00009
%RSD	12.057	67.988	44.755	247.89	56.975	.54933	4.9043	19.325

#1	-.01620	-.00709	-.00647	-.00545	.00359	274.51	.00687	.00056
#2	-.01299	-.00651	-.00290	.00452	.01128	274.31	.00726	.00048
#3	-.01354	-.00107	-.00347	-.00639	.01437	277.02	.00659	.00038

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00017	254.98	.05012	-.00027	-.01548	99.141	.01565	274.50
Stddev	.00007	.55	.00078	.00016	.00107	.597	.00019	1.73
%RSD	40.743	.21726	1.5638	60.480	6.8846	.60179	1.2302	.62934

#1	-.00015	255.51	.05070	-.00013	-.01485	98.539	.01573	274.20
#2	-.00012	254.40	.05042	-.00023	-.01487	99.154	.01580	272.95
#3	-.00025	255.02	.04923	-.00045	-.01671	99.732	.01543	276.36

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00922	.00283	-.07382	.00217	-.01706	-.02784	-.00196	-.05450
Stddev	.00056	.00093	.00793	.00121	.00011	.00945	.00020	.02191
%RSD	6.0485	32.707	10.749	55.824	.61905	33.936	10.066	40.206

#1	-.00915	.00357	-.07536	.00078	-.01694	-.02772	-.00180	-.05107
#2	-.00981	.00314	-.08087	.00296	-.01714	-.03736	-.00190	-.03450
#3	-.00870	.00179	-.06523	.00277	-.01710	-.01846	-.00218	-.07792

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00216	-.00791	-.00088	.00051	.00338	-.0015	.00273	2.9668
Stddev	.00050	.00265	.00188	.00193	.00186	.0028	.00101	.2755
%RSD	23.341	33.488	213.20	381.22	55.037	183.1	36.999	9.2852

#1	-.00167	-.00930	-.00085	-.00080	.00169	-.0034	.00373	2.9041
#2	-.00268	-.00485	-.00278	.00272	.00308	.0017	.00274	2.7281
#3	-.00214	-.00957	.00098	-.00040	.00538	-.0029	.00171	3.2683

Sample Name: ICSA01 Acquired: 8/15/2019 13:14:55 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 27.943
Stddev 1.886
%RSD 6.7501

#1 30.113
#2 26.691
#3 27.027

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1868.7	21946.	2165.6	22.991	1729.9
Stddev	4.7	85.	12.2	.928	1.2
%RSD	.25176	.38547	.56278	4.0356	.07064

#1	1872.5	21880.	2154.3	22.003	1731.3
#2	1863.4	22041.	2164.1	23.844	1729.6
#3	1870.2	21916.	2178.5	23.127	1728.9

Sample Name: ICSAB01 Acquired: 8/15/2019 13:26:10 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09179	.10142	.04764	.04679	.64644	267.04	.54655
Stddev	.00661	.00080	.00045	.00230	.00450	.75	.00105
%RSD	7.1995	.79196	.94605	4.9250	.69680	.28156	.19162

#1	.09925	.10051	.04808	.04833	.64922	267.42	.54773
#2	.08941	.10171	.04718	.04791	.64885	266.18	.54572
#3	.08669	.10204	.04765	.04414	.64124	267.53	.54621

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54314	1.0232	249.17	.56549	.50302	.48494	95.581
Stddev	.00072	.0024	.65	.00077	.00142	.00152	.194
%RSD	.13241	.22972	.25959	.13657	.28197	.31251	.20248

#1	.54396	1.0210	248.43	.56539	.50393	.48371	95.774
#2	.54265	1.0228	249.49	.56631	.50138	.48663	95.387
#3	.54279	1.0257	249.60	.56478	.50374	.48447	95.581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52653	267.16	.99258	.21770	-.06647	.52017	1.0490
Stddev	.00138	.40	.00152	.00115	.00064	.00141	.0023
%RSD	.26150	.15120	.15328	.52905	.96029	.27136	.21628

#1	.52812	267.13	.99086	.21879	-.06708	.51920	1.0465
#2	.52577	267.58	.99373	.21650	-.06580	.52179	1.0495
#3	.52571	266.77	.99316	.21783	-.06652	.51952	1.0510

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05884	1.0359	1.0455	F -.01067	.99488	1.0658	1.0481
Stddev	.04799	.0016	.0272	.00254	.00130	.0037	.0038
%RSD	81.574	.15020	2.5979	23.754	.13114	.35118	.36444

#1	-.09848	1.0350	1.0581	-.00871	.99342	1.0701	1.0438
#2	-.00548	1.0377	1.0642	-.01354	.99594	1.0632	1.0512
#3	-.07255	1.0350	1.0144	-.00977	.99527	1.0642	1.0494

Sample Name: ICSAB01 Acquired: 8/15/2019 13:26:10 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00265	F -.0003	F .00400	4.3537	29.306
Stddev	.00038	.0005	.00055	.2228	.702
%RSD	14.396	213.6	13.624	5.1180	2.3944
#1	.00282	-.0002	.00344	4.1664	29.377
#2	.00291	.0002	.00405	4.2946	28.571
#3	.00221	-.0008	.00452	4.6001	29.969
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.8	22099.	2170.6	22.990	1725.9
Stddev	1.2	67.	6.0	.874	2.8
%RSD	.06578	.30299	.27548	3.8022	.16434
#1	1860.4	22027.	2170.7	21.989	1724.6
#2	1862.7	22159.	2176.5	23.378	1729.1
#3	1862.3	22110.	2164.6	23.603	1723.9

Sample Name: CCV01 Acquired: 8/15/2019 13:30:36 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0253	5.0177	4.9561	5.0626	5.0458	10.037	10.008	.25262
Stddev	.0143	.0125	.0152	.0160	.0087	.078	.054	.00039
%RSD	.28497	.24963	.30733	.31622	.17173	.77540	.53509	.15415
#1	5.0409	5.0104	4.9609	5.0449	5.0499	9.9856	9.9500	.25305
#2	5.0127	5.0322	4.9684	5.0761	5.0517	10.126	10.055	.25250
#3	5.0224	5.0105	4.9391	5.0668	5.0359	9.9985	10.020	.25230
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4780	25.134	1.0107	2.4611	1.2624	5.0717	2.5315	24.823
Stddev	.0034	.102	.0027	.0017	.0031	.0099	.0020	.362
%RSD	.13646	.40393	.27190	.06697	.24763	.19468	.07960	1.4600
#1	2.4790	25.061	1.0130	2.4601	1.2635	5.0640	2.5292	24.419
#2	2.4807	25.250	1.0114	2.4630	1.2648	5.0828	2.5323	25.120
#3	2.4742	25.090	1.0076	2.4602	1.2588	5.0683	2.5330	24.931
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4722	1.2591	24.923	2.5013	2.4480	24.982	4.9715	4.9626
Stddev	.0046	.0038	.132	.0079	.0026	.085	.0053	.0707
%RSD	.18557	.30126	.52963	.31712	.10555	.34002	.10749	1.4251
#1	2.4677	1.2618	24.791	2.5033	2.4499	24.959	4.9774	4.9295
#2	2.4769	1.2609	25.055	2.5080	2.4490	25.076	4.9701	5.0438
#3	2.4719	1.2548	24.925	2.4925	2.4450	24.911	4.9670	4.9146
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9153	4.9908	4.8773	4.9803	F 3.9015	4.952	5.1009	F 1.9766
Stddev	.0131	.0319	.0121	.0126	.0161	.011	.0165	.4510
%RSD	.26710	.63996	.24812	.25306	.41176	.2148	.32371	22.817
#1	4.9218	5.0164	4.8818	4.9662	3.9086	4.941	5.0988	1.8860
#2	4.9238	4.9550	4.8865	4.9842	3.8831	4.962	5.0856	2.4660
#3	4.9002	5.0010	4.8636	4.9905	3.9127	4.952	5.1184	1.5778

Sample Name: CCV01 Acquired: 8/15/2019 13:30:36 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.1085
Stddev .1190
%RSD 10.730

#1 1.2334
#2 1.0957
#3 .99654

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.9	23420.	2231.0	23.747	1924.0
Stddev	1.1	80.	11.7	.563	1.6
%RSD	.05572	.34065	.52240	2.3723	.08319

#1	1975.7	23416.	2218.4	23.713	1924.2
#2	1975.0	23341.	2241.4	24.326	1922.3
#3	1977.1	23501.	2233.1	23.201	1925.5

Sample Name: LLCCV01 Acquired: 8/15/2019 13:34:36 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02303	.03995	.01113	.01621	.05538	.11106	.10404
Stddev	.00240	.00085	.00032	.00156	.00217	.01688	.00050
%RSD	10.419	2.1347	2.8899	9.6205	3.9255	15.201	.48169

#1	.02039	.04071	.01087	.01453	.05364	.10573	.10405
#2	.02509	.04012	.01103	.01648	.05469	.09749	.10454
#3	.02360	.03903	.01149	.01761	.05782	.12997	.10353

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00659	.00599	2.1208	.01115	.02950	.02213	.11123
Stddev	.00001	.00004	.0096	.00015	.00025	.00062	.00142
%RSD	.14087	.59026	.45407	1.3773	.83825	2.8238	1.2753

#1	.00660	.00596	2.1117	.01125	.02951	.02141	.11097
#2	.00660	.00602	2.1198	.01097	.02925	.02244	.10996
#3	.00658	.00598	2.1309	.01122	.02975	.02254	.11276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02331	2.0952	.04078	.01118	1.8402	.04201	.03966
Stddev	.00012	.1077	.00043	.00031	.0252	.00044	.00022
%RSD	.53159	5.1412	1.0629	2.7795	1.3708	1.0501	.54530

#1	.02322	1.9809	.04028	.01097	1.8142	.04206	.03971
#2	.02326	2.1948	.04099	.01153	1.8645	.04242	.03942
#3	.02345	2.1100	.04107	.01103	1.8420	.04154	.03985

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.0093	.20797	.09722	.01895	.40023	.03488	.04265
Stddev	.0292	.00077	.00955	.00495	.00762	.00102	.00085
%RSD	1.4533	.37067	9.8217	26.121	1.9036	2.9254	1.9844

#1	2.0024	.20747	.08796	.01330	.39687	.03594	.04168
#2	1.9841	.20757	.10703	.02255	.39487	.03479	.04321
#3	2.0413	.20886	.09667	.02098	.40895	.03391	.04307

Sample Name: LLCCV01 Acquired: 8/15/2019 13:34:36 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LLCCV01 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .00852	.0190	.02223	F<.00000	F .66011
Stddev	.00087	.0028	.00009	.26959	.62439
%RSD	10.220	14.86	.41434	17.202	94.589
#1	.00867	.0223	.02226	-1.3490	-.03421
#2	.00759	.0174	.02230	-1.8686	.83903
#3	.00931	.0174	.02213	-1.4840	1.1755
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.5	23855.	2245.5	26.703	2152.7
Stddev	12.1	76.	13.2	2.100	10.7
%RSD	.59509	.31678	.58840	7.8631	.49516
#1	2049.4	23819.	2250.4	27.055	2165.0
#2	2028.6	23942.	2255.5	24.450	2147.0
#3	2028.3	23804.	2230.5	28.605	2146.1

Sample Name: CCB01 Acquired: 8/15/2019 13:39:05 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00118	-.00167	-.00096	-.00096	.00318	.01643	.00087	-.00009
Stddev	.00100	.00050	.00061	.00298	.00202	.02309	.00028	.00008
%RSD	84.860	30.190	62.854	310.67	63.651	140.55	32.594	86.198

#1	.00012	-.00170	-.00154	.00157	.00094	-.00160	.00096	-.00010
#2	.00212	-.00216	-.00101	-.00424	.00371	.04245	.00111	-.00001
#3	.00130	-.00115	-.00034	-.00021	.00488	.00843	.00056	-.00016

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.00383	.00036	.00014	-.00084	.00036	-.00003	.02479
Stddev	.00007	.02652	.00020	.00007	.00069	.00029	.00003	.02628
%RSD	645.72	693.38	55.636	50.887	82.886	79.624	119.14	106.04

#1	.00005	-.02842	.00018	.00006	-.00164	.00004	.00001	.00549
#2	.00005	-.00733	.00057	.00017	-.00040	.00060	-.00005	.05472
#3	-.00007	.02428	.00033	.00019	-.00047	.00045	-.00004	.01415

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	-.00016	-.30677	.00044	-.00019	-.07448	-.00065	-.01576
Stddev	.00009	.00078	.00971	.00025	.00005	.04772	.00017	.01138
%RSD	41.752	499.71	3.1651	56.673	24.310	64.074	26.176	72.212

#1	-.00015	.00064	-.29598	.00073	-.00014	-.03122	-.00074	-.01940
#2	-.00030	-.00091	-.30952	.00033	-.00021	-.06654	-.00046	-.02487
#3	-.00016	-.00020	-.31481	.00027	-.00022	-.12566	-.00076	-.00300

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00185	-.00502	-.00244	-.00072	-.00258	.0018	-.00011	F .14500
Stddev	.00351	.00184	.00093	.00230	.00057	.0015	.00003	.27222
%RSD	189.78	36.688	38.024	316.94	22.101	81.09	28.866	187.74

#1	.00280	-.00483	-.00261	-.00312	-.00206	.0021	-.00012	.26398
#2	-.00204	-.00695	-.00328	.00145	-.00248	.0002	-.00013	-.16646
#3	.00478	-.00328	-.00144	-.00051	-.00319	.0031	-.00007	.33748

Sample Name: CCB01 Acquired: 8/15/2019 13:39:05 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.2333
Stddev .6416
%RSD 52.021

#1 .93359
#2 1.9699
#3 .79646

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.9	23983.	2234.1	26.708	2148.4
Stddev	4.5	32.	17.7	.732	7.0
%RSD	.22127	.13214	.79146	2.7408	.32637

#1	2025.7	24020.	2214.9	27.550	2140.6
#2	2033.3	23966.	2249.8	26.355	2150.4
#3	2033.7	23964.	2237.7	26.220	2154.2

Sample Name: LR CHECK 1 Acquired: 8/15/2019 13:43:15 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.17398	-.05849	-.07984	-.30922	.10026	1898.8	.01261	.01828
Stddev	.00640	.00199	.00111	.00683	.00495	4.0	.00029	.00046
%RSD	3.6812	3.3953	1.3962	2.2102	4.9379	.20807	2.2877	2.5408

#1	-.16941	-.05974	-.07888	-.30889	.10127	1901.6	.01262	.01776
#2	-.18130	-.05620	-.07957	-.30256	.09489	1894.3	.01232	.01864
#3	-.17123	-.05952	-.08107	-.31622	.10464	1900.5	.01289	.01845

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11960	1651.0	-.01226	.08645	1.2090	939.26	.00918	1954.7
Stddev	.00075	17.5	.00079	.00063	.0078	2.22	.00017	11.3
%RSD	.62576	1.0610	6.4818	.72482	.64899	.23646	1.8027	.57887

#1	.12039	1633.7	-.01306	.08609	1.2162	938.27	.00936	1964.7
#2	.11951	1650.5	-.01147	.08717	1.2007	937.71	.00911	1942.4
#3	.11891	1668.7	-.01224	.08608	1.2102	941.80	.00906	1956.9

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.11160	-.09834	1873.7	.03189	.18759	1046.7	-.00766	-1.0758
Stddev	.00082	.00177	16.2	.00049	.00052	5.4	.00087	.0184
%RSD	.73629	1.7976	.86284	1.5285	.27590	.51414	11.408	1.7080

#1	.11084	-.09862	1879.0	.03234	.18730	1052.3	-.00859	-1.0724
#2	.11149	-.09995	1855.5	.03196	.18728	1041.6	-.00752	-1.0957
#3	.11247	-.09644	1886.5	.03137	.18819	1046.2	-.00686	-1.0594

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.23518	-.01155	.01917	-.05005	.03441	.0686	-1.0182	<.00000
Stddev	.00848	.00341	.00175	.00263	.00121	.0031	.0022	.39864
%RSD	3.6042	29.549	9.1245	5.2509	3.5253	4.586	.21312	1.5666

#1	.22654	-.01373	.01881	-.05096	.03332	.0679	-1.0174	-25.060
#2	.23552	-.00762	.01763	-.05209	.03572	.0658	-1.0165	-25.856
#3	.24348	-.01330	.02107	-.04708	.03421	.0720	-1.0207	-25.424

Sample Name: LR CHECK 1 Acquired: 8/15/2019 13:43:15 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	733.67
Stddev	2.12
%RSD	.28830

#1	731.47
#2	735.70
#3	733.83

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1555.9	18255.	1996.5	17.006	1081.4
Stddev	9.7	55.	28.7	1.512	5.8
%RSD	.62051	.30207	1.4372	8.8888	.53198

#1	1547.7	18237.	2027.1	17.237	1080.6
#2	1566.6	18317.	1992.2	18.389	1087.6
#3	1553.5	18211.	1970.2	15.392	1076.2

Sample Name: LR CHECK 2 Acquired: 8/15/2019 13:48:13 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00101	-.02766	265.07	.03335	-.02319	-.17910	96.985	.00003
Stddev	.00214	.00060	1.62	.00482	.00302	.00578	.905	.00009
%RSD	211.35	2.1572	.61115	14.447	13.024	3.2270	.93314	280.92

#1	-.00346	-.02821	265.96	.03133	-.02660	-.18064	96.272	-.00005
#2	-.00007	-.02775	266.05	.03885	-.02082	-.18395	96.680	.00002
#3	.00049	-.02702	263.20	.02987	-.02217	-.17270	98.003	.00013

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00457	.61155	-.11721	-.00279	273.60	-.74894	45.717	.21974
Stddev	.00013	.00504	.00120	.00024	1.13	.00457	.071	.01343
%RSD	2.9424	.82335	1.0242	8.7208	.41273	.60957	.15514	6.1121

#1	-.00441	.61563	-.11783	-.00283	274.28	-.74987	45.751	.20423
#2	-.00465	.60592	-.11797	-.00253	274.23	-.75297	45.764	.22726
#3	-.00464	.61311	-.11582	-.00302	272.30	-.74398	45.636	.22772

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	53.295	.00949	1.2660	-.21081	38.117	.77527	.03184	-.01401
Stddev	.361	.00045	.0412	.00142	.277	.01096	.00043	.03486
%RSD	.67740	4.7880	3.2533	.67492	.72666	1.4139	1.3567	248.89

#1	53.525	.00903	1.3005	-.20919	38.273	.76280	.03209	-.01676
#2	53.480	.00951	1.2772	-.21141	38.281	.78338	.03208	.02215
#3	52.879	.00994	1.2204	-.21184	37.797	.77964	.03134	-.04741

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10335	.05612	.00417	.02966	.00025	-.0928	.00475	2.3856
Stddev	.00280	.00154	.00029	.00188	.00158	.0023	.00005	.1353
%RSD	2.7080	2.7420	7.0635	6.3362	623.36	2.438	1.0808	5.6697

#1	.10518	.05490	.00450	.02848	.00143	-.0905	.00476	2.5004
#2	.10474	.05563	.00404	.03183	-.00154	-.0929	.00479	2.4199
#3	.10013	.05785	.00396	.02867	.00087	-.0950	.00469	2.2365

Sample Name: LR CHECK 2 Acquired: 8/15/2019 13:48:13 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg .46356
Stddev .40105
%RSD 86.514

#1 .08151
#2 .88123
#3 .42795

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.9	25759.	2303.6	25.097	2013.3
Stddev	17.0	75.	19.9	.905	19.0
%RSD	.91553	.28999	.86285	3.6048	.94383

#1	1851.3	25792.	2290.4	24.530	2006.0
#2	1845.2	25673.	2294.0	26.140	1999.1
#3	1877.2	25811.	2326.5	24.620	2034.9

Sample Name: K4330-02DLX20 Acquired: 8/15/2019 13:52:41 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00048	-.00217	.00989	.00001	-.00028	.03831	.00295
Stddev	.00044	.00186	.00193	.00415	.00171	.00684	.00048
%RSD	91.071	85.910	19.509	44884.	605.58	17.863	16.240

#1	.00011	-.00316	.00996	-.00384	-.00154	.03731	.00347
#2	.00096	-.00002	.01178	-.00053	.00166	.04560	.00253
#3	.00036	-.00333	.00792	.00440	-.00096	.03202	.00286

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00023	34.315	-.00068	-.00018	.00330	.04359
Stddev	.00006	.00002	.204	.00023	.00038	.00037	.00024
%RSD	239.50	8.0772	.59567	34.115	208.30	11.177	.55392

#1	-.00004	.00024	34.365	-.00043	-.00027	.00356	.04370
#2	.00003	.00025	34.489	-.00073	-.00050	.00346	.04331
#3	.00009	.00021	34.090	-.00088	.00023	.00288	.04375

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00354	112.67	-.00443	.00049	899.35	.00046	.00351
Stddev	.00013	1.00	.00070	.00072	9.29	.00017	.00026
%RSD	3.5733	.89100	15.891	146.30	1.0330	37.632	7.4227

#1	.00369	112.49	-.00500	.00070	889.53	.00038	.00377
#2	.00350	113.75	-.00364	-.00031	900.51	.00034	.00352
#3	.00344	111.77	-.00465	.00108	908.01	.00066	.00325

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.495	.00019	.35139	F 81.886	.07944	-.03250	.00078
Stddev	.069	.00038	.00898	.158	.00321	.00096	.00431
%RSD	.18397	202.15	2.5546	.19301	4.0442	2.9441	556.49

#1	37.470	.00003	.34875	81.992	.07848	-.03157	.00501
#2	37.573	.00062	.34404	81.963	.07681	-.03348	.00092
#3	37.442	-.00009	.36140	81.705	.08302	-.03244	-.00361

Sample Name: K4330-02DLX20 Acquired: 8/15/2019 13:52:41 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01883	.0020	.66348	6.7610	F<.00000
Stddev	.00074	.0013	.00113	.3455	2.9383
%RSD	3.9389	65.72	.17075	5.1106	20.099

#1	.01817	.0025	.66320	6.7823	-13.065
#2	.01963	.0029	.66472	7.0954	-18.008
#3	.01868	.0005	.66251	6.4053	-12.785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.5	21721.	2176.1	23.848	1766.9
Stddev	4.9	65.	12.5	1.155	4.8
%RSD	.26174	.29987	.57271	4.8448	.26887

#1	1863.1	21646.	2163.2	23.736	1765.0
#2	1862.3	21755.	2188.0	25.055	1763.5
#3	1871.1	21762.	2177.0	22.752	1772.4

Sample Name: K4330-02DUPDLX20 Acquired: 8/15/2019 13:57:14 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00056	-.00312	.00855	-.00219	-.00049	.02550	.00180
Stddev	.00061	.00024	.00249	.00371	.00128	.01944	.00018
%RSD	108.41	7.7898	29.089	169.56	258.99	76.249	10.263

#1	-.00095	-.00284	.00572	-.00313	.00061	.04619	.00159
#2	.00014	-.00326	.01042	.00190	-.00190	.02268	.00187
#3	-.00086	-.00325	.00950	-.00533	-.00019	.00762	.00194

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00011	.00027	34.761	-.00086	-.00003	.00251	.03981
Stddev	.00009	.00014	.145	.00041	.00009	.00030	.00108
%RSD	78.071	49.572	.41727	47.402	272.85	11.843	2.7117

#1	.00003	.00014	34.922	-.00131	-.00005	.00260	.04084
#2	.00021	.00041	34.720	-.00051	.00006	.00275	.03989
#3	.00011	.00026	34.641	-.00076	-.00011	.00218	.03869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00323	113.52	-.00430	.00014	896.76	.00034	.00244
Stddev	.00010	.46	.00065	.00049	9.68	.00032	.00006
%RSD	2.9980	.40176	15.020	351.34	1.0795	93.217	2.6463

#1	.00323	113.49	-.00504	.00023	886.51	.00000	.00250
#2	.00313	113.07	-.00386	.00058	898.04	.00039	.00237
#3	.00333	113.98	-.00400	-.00039	905.74	.00063	.00245

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.424	-.00009	.35822	F 82.721	.07636	-.03355	.00072
Stddev	.385	.00056	.00880	.311	.00303	.00076	.00165
%RSD	1.0280	619.63	2.4554	.37606	3.9679	2.2532	228.11

#1	36.986	-.00055	.35701	82.757	.07984	-.03273	.00120
#2	37.579	.00053	.35009	82.393	.07493	-.03370	-.00111
#3	37.708	-.00026	.36755	83.012	.07431	-.03422	.00208

Sample Name: K4330-02DUPDLX20 Acquired: 8/15/2019 13:57:14 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02115	.0027	.66816	7.0217	F<.00000
Stddev	.00109	.0003	.00098	.2586	1.5468
%RSD	5.1401	11.90	.14617	3.6833	13.253

#1	.02236	.0031	.66756	6.9961	-13.021
#2	.02026	.0024	.66929	7.2922	-9.9834
#3	.02084	.0027	.66764	6.7769	-12.009

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.1	21923.	2186.6	24.620	1757.2
Stddev	9.8	47.	8.1	1.502	8.7
%RSD	.52577	.21260	.36920	6.1010	.49375

#1	1860.3	21968.	2177.4	24.346	1763.8
#2	1861.2	21925.	2189.5	23.275	1760.5
#3	1843.9	21875.	2192.8	26.241	1747.4

Sample Name: K4330-02LDLX100 Acquired: 8/15/2019 14:01:46 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	-.00267	.00322	-.00376	.00085	-.00604	.00104
Stddev	.00053	.00096	.00083	.00496	.00104	.02561	.00009
%RSD	62.459	35.819	25.894	132.03	123.23	423.71	8.3463

#1	.00118	-.00235	.00226	.00195	.00013	.02238	.00114
#2	.00024	-.00375	.00377	-.00709	.00037	-.01322	.00100
#3	.00114	-.00192	.00363	-.00613	.00205	-.02730	.00099

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	.00013	6.9588	.00002	-.00019	.00031	.00662
Stddev	.00001	.00007	.0709	.00048	.00019	.00048	.00072
%RSD	5.5137	54.272	1.0185	2114.6	99.301	155.33	10.893

#1	.00012	.00006	6.8793	-.00053	-.00000	.00054	.00588
#2	.00014	.00013	7.0152	.00028	-.00038	.00062	.00667
#3	.00013	.00020	6.9820	.00032	-.00019	-.00024	.00732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00063	21.996	-.00156	.00008	180.75	.00001	.00082
Stddev	.00007	.129	.00048	.00046	.85	.00076	.00014
%RSD	11.610	.58806	30.505	583.41	.46976	9251.2	17.092

#1	.00061	21.893	-.00194	-.00017	179.81	-.00069	.00073
#2	.00071	21.954	-.00103	.00062	181.48	.00082	.00098
#3	.00057	22.141	-.00171	-.00020	180.94	-.00010	.00075

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.0609	-.00080	.05077	F 15.142	.00863	-.00796	.00011
Stddev	.0562	.00018	.02339	.022	.00127	.00126	.00331
%RSD	.79619	23.132	46.080	.14259	14.715	15.882	3025.1

#1	7.0652	-.00099	.05707	15.118	.00978	-.00783	-.00189
#2	7.0027	-.00079	.07037	15.150	.00727	-.00676	-.00171
#3	7.1149	-.00062	.02487	15.159	.00885	-.00928	.00393

Sample Name: K4330-02LDLX100 Acquired: 8/15/2019 14:01:46 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00453	.0000	.13495	2.6595	F<.00000
Stddev	.00085	.0028	.00004	.0758	1.8669
%RSD	18.692	10050.	.03241	2.8488	38.188
#1	.00485	.0017	.13493	2.7385	-3.8609
#2	.00516	-.0033	.13492	2.5874	-3.7614
#3	.00357	.0016	.13500	2.6526	-7.0436
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.8	23327.	2260.0	26.477	2002.6
Stddev	11.2	67.	22.5	1.624	10.9
%RSD	.56252	.28670	.99489	6.1333	.54670
#1	1989.3	23265.	2237.1	27.088	1993.3
#2	2011.7	23318.	2261.0	24.636	2014.7
#3	1998.5	23398.	2282.0	27.707	1999.9

Sample Name: K4330-02MSDLX20 Acquired: 8/15/2019 14:06:12 Type: Unk

Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000

User: Bin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04118	.09473	.05602	.10934	.04883	.14225	.01289
Stddev	.00038	.00037	.00083	.00295	.00321	.01246	.00018
%RSD	.92455	.38935	1.4805	2.6984	6.5748	8.7605	1.3751

#1	.04121	.09496	.05533	.11143	.05089	.13268	.01279
#2	.04079	.09493	.05694	.11063	.04513	.15634	.01310
#3	.04155	.09431	.05580	.10596	.05046	.13772	.01279

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01116	.01069	35.977	.02040	.01035	.01802	.18854
Stddev	.00006	.00014	.259	.00072	.00005	.00018	.00241
%RSD	.55586	1.3220	.71870	3.5520	.51832	.97965	1.2781

#1	.01120	.01066	35.683	.01961	.01029	.01821	.19102
#2	.01109	.01057	36.079	.02103	.01040	.01800	.18621
#3	.01119	.01085	36.168	.02055	.01036	.01786	.18837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01371	120.10	.02138	.00411	957.01	.01778	.01302
Stddev	.00017	.90	.00041	.00006	5.91	.00068	.00005
%RSD	1.2690	.74542	1.9064	1.5766	.61703	3.8125	.41658

#1	.01390	119.65	.02109	.00418	950.24	.01855	.01306
#2	.01365	119.51	.02120	.00408	959.72	.01725	.01304
#3	.01357	121.13	.02185	.00406	961.07	.01755	.01296

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.730	.02048	.39039	F 85.787	.13703	.00083	.00950
Stddev	.287	.00011	.02189	.837	.00862	.00083	.00289
%RSD	.72213	.54456	5.6065	.97527	6.2871	100.76	30.362

#1	39.712	.02037	.36629	86.732	.14569	.00177	.01123
#2	39.452	.02060	.40902	85.140	.13695	.00052	.01111
#3	40.025	.02047	.39586	85.489	.12846	.00019	.00617

Sample Name: K4330-02MSDLX20 Acquired: 8/15/2019 14:06:12 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02340	.3542	.70369	9.0224	F<.00000
Stddev	.00144	.0017	.00336	.3870	3.2338
%RSD	6.1577	.4726	.47728	4.2893	22.898

#1	.02295	.3557	.69987	8.7785	-12.640
#2	.02501	.3524	.70504	8.8201	-11.897
#3	.02224	.3545	.70617	9.4687	-17.832

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.2	21388.	2184.8	24.932	1739.2
Stddev	15.9	107.	5.3	.618	16.5
%RSD	.86796	.50130	.24278	2.4780	.95025

#1	1818.2	21361.	2189.5	25.569	1720.2
#2	1848.7	21506.	2179.1	24.336	1750.1
#3	1841.6	21296.	2185.9	24.890	1747.3

Sample Name: K4330-02MSDDLX20 Acquired: 8/15/2019 14:10:44 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04638	.09811	.05555	.10939	.04497	.14297	.01323
Stddev	.00309	.00141	.00133	.00375	.00301	.02019	.00072
%RSD	6.6583	1.4330	2.4003	3.4267	6.6954	14.122	5.4244

#1	.04366	.09652	.05625	.10512	.04829	.14138	.01401
#2	.04974	.09918	.05401	.11089	.04419	.12363	.01308
#3	.04575	.09864	.05639	.11215	.04242	.16391	.01260

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01139	.01067	36.841	.02084	.01054	.01826	.18968
Stddev	.00028	.00005	.307	.00060	.00014	.00085	.00196
%RSD	2.4274	.44228	.83214	2.8649	1.3576	4.6708	1.0334

#1	.01169	.01071	36.720	.02121	.01039	.01922	.19194
#2	.01135	.01062	36.613	.02115	.01067	.01760	.18864
#3	.01114	.01068	37.189	.02015	.01058	.01796	.18846

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01388	121.34	.02158	.00412	956.45	.01746	.01334
Stddev	.00011	.82	.00083	.00068	4.46	.00038	.00012
%RSD	.78240	.67615	3.8257	16.463	.46625	2.1962	.89934

#1	.01396	122.29	.02074	.00391	961.59	.01780	.01346
#2	.01392	120.84	.02239	.00358	953.60	.01754	.01322
#3	.01375	120.90	.02160	.00488	954.15	.01704	.01332

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.752	.02044	.41102	F 87.524	.13654	.00071	.01118
Stddev	.316	.00010	.00499	.409	.00369	.00097	.00059
%RSD	.77579	.51174	1.2134	.46710	2.7007	136.66	5.2713

#1	41.116	.02036	.41594	87.095	.13330	.00050	.01176
#2	40.601	.02056	.41115	87.909	.14055	.00176	.01058
#3	40.540	.02041	.40597	87.569	.13576	-.00014	.01119

Sample Name: K4330-02MSDDLX20 Acquired: 8/15/2019 14:10:44 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02754	.3609	.71993	8.4129	F<.00000
Stddev	.00058	.0034	.00464	.2469	.60843
%RSD	2.0948	.9363	.64475	2.9350	4.7525
#1	.02726	.3630	.71627	8.5384	-12.133
#2	.02820	.3626	.71837	8.1285	-12.954
#3	.02715	.3570	.72515	8.5719	-13.321
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.9	21307.	2153.3	22.876	1737.5
Stddev	13.4	191.	9.0	1.219	11.1
%RSD	.72662	.89518	.41679	5.3293	.64117
#1	1854.1	21086.	2163.1	22.488	1748.8
#2	1827.3	21412.	2151.2	24.242	1726.5
#3	1841.3	21421.	2145.5	21.899	1737.1

Sample Name: K4330-02ADLX20 Acquired: 8/15/2019 14:15:17 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04677	.09794	.05664	.11079	.04721	.14595	.01347
Stddev	.00256	.00132	.00094	.00275	.00266	.02260	.00030
%RSD	5.4742	1.3487	1.6646	2.4859	5.6347	15.484	2.1909

#1	.04926	.09925	.05653	.10990	.04571	.13448	.01324
#2	.04415	.09795	.05763	.10860	.05028	.13138	.01380
#3	.04691	.09661	.05575	.11388	.04564	.17198	.01336

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01152	.01086	36.818	.02073	.01041	.01838	.19210
Stddev	.00008	.00012	.396	.00046	.00023	.00026	.00218
%RSD	.67991	1.0761	1.0743	2.2392	2.2212	1.4034	1.1347

#1	.01161	.01088	36.425	.02123	.01038	.01831	.18959
#2	.01146	.01073	36.814	.02064	.01065	.01816	.19319
#3	.01150	.01096	37.216	.02032	.01019	.01866	.19352

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01389	122.11	.02231	.00409	958.26	.01786	.01357
Stddev	.00011	.56	.00040	.00035	2.04	.00033	.00019
%RSD	.82610	.45978	1.8126	8.4783	.21261	1.8437	1.3682

#1	.01381	122.72	.02242	.00442	956.98	.01814	.01373
#2	.01384	121.62	.02265	.00413	957.19	.01750	.01363
#3	.01402	121.98	.02186	.00373	960.61	.01796	.01337

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.791	.02108	.40074	F 89.024	.13252	.00135	.01043
Stddev	.112	.00019	.02773	.331	.00415	.00108	.00136
%RSD	.27471	.90334	6.9205	.37213	3.1288	80.014	13.031

#1	40.819	.02087	.37783	89.283	.12813	.00014	.00914
#2	40.668	.02124	.43157	89.139	.13306	.00222	.01031
#3	40.887	.02113	.39281	88.651	.13637	.00170	.01185

Sample Name: K4330-02ADLX20 Acquired: 8/15/2019 14:15:17 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02823	.3664	.72087	8.8232	F<.00000
Stddev	.00098	.0026	.00464	.4314	1.4710
%RSD	3.4553	.7156	.64387	4.8895	12.995

#1	.02711	.3644	.71786	8.8144	-9.6650
#2	.02870	.3693	.71853	9.2589	-11.814
#3	.02888	.3653	.72622	8.3963	-12.480

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.0	21412.	2167.2	25.042	1717.0
Stddev	8.5	111.	13.4	.431	9.5
%RSD	.46562	.51663	.61620	1.7214	.55066

#1	1812.3	21294.	2174.2	24.766	1707.1
#2	1828.0	21514.	2175.5	25.538	1718.0
#3	1825.7	21428.	2151.8	24.821	1725.9

Sample Name: K4331-02DLX20 Acquired: 8/15/2019 14:19:49 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00112	-.00361	.00335	-.00148	-.00004	.03548	.00312
Stddev	.00138	.00255	.00033	.00015	.00159	.01161	.00080
%RSD	123.29	70.598	9.7330	9.8475	4108.8	32.722	25.717

#1	.00177	-.00595	.00299	-.00144	.00083	.03147	.00397
#2	.00205	-.00399	.00344	-.00164	.00093	.02641	.00237
#3	-.00047	-.00090	.00363	-.00136	-.00188	.04857	.00303

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00021	40.966	-.00092	-.00002	.00203	.02491
Stddev	.00008	.00005	.214	.00012	.00050	.00038	.00099
%RSD	166.77	21.944	.52238	13.416	3026.5	18.544	3.9580

#1	-.00000	.00016	40.976	-.00078	.00042	.00224	.02590
#2	.00001	.00022	41.174	-.00099	-.00056	.00226	.02491
#3	.00014	.00026	40.747	-.00099	.00009	.00160	.02393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00321	137.80	-.00505	.00061	1061.0	.00135	.00325
Stddev	.00002	2.40	.00044	.00058	15.2	.00039	.00007
%RSD	.59022	1.7424	8.6350	95.144	1.4358	29.072	2.2600

#1	.00321	136.69	-.00472	-.00004	1043.4	.00165	.00328
#2	.00322	136.15	-.00488	.00078	1070.9	.00149	.00330
#3	.00319	140.55	-.00554	.00107	1068.6	.00091	.00316

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.263	-.00004	.42084	F 99.871	.10761	-.03918	.00132
Stddev	.345	.00024	.00844	.730	.00371	.00027	.00168
%RSD	.76250	581.12	2.0054	.73081	3.4480	.69435	127.50

#1	45.253	-.00026	.42071	99.036	.10876	-.03911	.00243
#2	44.922	.00021	.41246	100.19	.11061	-.03895	-.00062
#3	45.612	-.00008	.42934	100.39	.10346	-.03948	.00215

Sample Name: K4331-02DLX20 Acquired: 8/15/2019 14:19:49 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02465	.0021	.78874	9.6892	F<.00000
Stddev	.00075	.0007	.00628	.3321	.45592
%RSD	3.0377	31.87	.79641	3.4275	3.2839

#1	.02386	.0019	.78936	10.056	-13.382
#2	.02536	.0028	.79469	9.4099	-14.273
#3	.02471	.0015	.78218	9.6013	-13.996

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1814.3	21182.	2174.7	24.548	1702.8
Stddev	9.5	124.	30.3	.556	8.4
%RSD	.52271	.58681	1.3941	2.2639	.49456

#1	1824.8	21175.	2158.6	24.161	1712.4
#2	1806.5	21310.	2155.7	25.184	1696.8
#3	1811.5	21061.	2209.6	24.297	1699.2

Sample Name: K4332-02DLX20 Acquired: 8/15/2019 14:24:23 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00126	-.00306	.00431	-.00087	.00181	.12626	.00196
Stddev	.00178	.00178	.00146	.00234	.00025	.00588	.00084
%RSD	140.90	58.131	33.768	268.86	14.042	4.6579	42.778

#1	-.00225	-.00160	.00412	-.00352	.00164	.13071	.00120
#2	.00079	-.00504	.00296	.00090	.00210	.11959	.00287
#3	-.00233	-.00253	.00585	.00001	.00169	.12848	.00182

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00029	37.708	-.00068	-.00021	.00207	.13137
Stddev	.00004	.00012	.186	.00008	.00043	.00077	.00335
%RSD	93.841	42.018	.49435	12.404	205.56	37.079	2.5525

#1	.00004	.00020	37.625	-.00062	-.00068	.00180	.13495
#2	.00001	.00043	37.577	-.00078	-.00013	.00147	.12830
#3	.00009	.00024	37.922	-.00064	.00018	.00293	.13087

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00604	125.25	-.00518	-.00002	963.54	.00089	.00189
Stddev	.00052	.48	.00068	.00045	5.83	.00067	.00014
%RSD	8.5641	.38042	13.113	1912.4	.60535	74.415	7.5040

#1	.00663	125.71	-.00454	-.00047	967.00	.00090	.00182
#2	.00582	124.76	-.00590	-.00004	966.82	.00023	.00180
#3	.00566	125.29	-.00512	.00044	956.81	.00156	.00205

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.113	-.00000	.40399	F 89.539	.31806	-.03583	.00208
Stddev	.023	.00047	.00608	.387	.01069	.00075	.00191
%RSD	.05690	12619.	1.5058	.43242	3.3620	2.0936	91.531

#1	41.087	.00010	.40849	89.986	.32905	-.03549	-.00002
#2	41.133	-.00052	.39707	89.318	.30770	-.03668	.00371
#3	41.118	.00041	.40641	89.313	.31742	-.03530	.00256

Sample Name: K4332-02DLX20 Acquired: 8/15/2019 14:24:23 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.02322	.0108	.72863	9.4272	F<.00000
Stddev	.00124	.0023	.00050	.3196	.44666
%RSD	5.3216	21.26	.06889	3.3899	3.3400

#1	.02310	.0102	.72845	9.6339	-12.892
#2	.02204	.0089	.72825	9.5886	-13.454
#3	.02451	.0134	.72920	9.0591	-13.774

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.4	21337.	2161.2	24.711	1713.0
Stddev	5.8	125.	15.8	.884	2.9
%RSD	.31715	.58792	.73051	3.5770	.17003

#1	1822.3	21217.	2147.5	23.724	1712.2
#2	1826.7	21329.	2157.5	24.980	1716.3
#3	1815.3	21467.	2178.5	25.429	1710.6

Sample Name: CCV02 Acquired: 8/15/2019 14:28:57 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0632	5.0984	5.0430	5.1404	5.0907	10.045	10.127	.25786
Stddev	.0213	.0123	.0169	.0172	.0058	.137	.037	.00087
%RSD	.42110	.24135	.33521	.33394	.11412	1.3634	.36722	.33688
#1	5.0546	5.0951	5.0595	5.1569	5.0896	10.053	10.111	.25856
#2	5.0476	5.1121	5.0438	5.1226	5.0855	9.9043	10.100	.25689
#3	5.0875	5.0881	5.0257	5.1416	5.0970	10.178	10.170	.25814
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5178	25.622	1.0275	2.5067	1.2712	5.1594	2.5494	25.068
Stddev	.0040	.053	.0009	.0067	.0027	.0091	.0069	.128
%RSD	.16028	.20727	.08416	.26840	.21346	.17706	.27074	.50948
#1	2.5200	25.645	1.0285	2.5096	1.2717	5.1688	2.5560	25.202
#2	2.5203	25.660	1.0272	2.5115	1.2683	5.1589	2.5422	25.054
#3	2.5132	25.561	1.0269	2.4990	1.2736	5.1506	2.5501	24.948
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5174	1.2771	25.805	2.5588	2.4900	25.093	5.0363	4.9627
Stddev	.0046	.0031	.056	.0037	.0056	.230	.0076	.0531
%RSD	.18120	.23860	.21570	.14332	.22621	.91820	.15043	1.0699
#1	2.5226	1.2798	25.781	2.5570	2.4948	25.249	5.0406	4.9805
#2	2.5151	1.2738	25.765	2.5563	2.4916	24.829	5.0275	4.9030
#3	2.5145	1.2779	25.869	2.5630	2.4838	25.203	5.0407	5.0046
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0455	5.0486	4.9684	5.0678	F 3.9453	5.042	5.1888	F 3.3372
Stddev	.0274	.0517	.0126	.0212	.0190	.023	.0420	.7088
%RSD	.54228	1.0235	.25330	.41800	.48049	.4519	.81022	21.239
#1	5.0591	5.0133	4.9783	5.0445	3.9277	5.065	5.1514	2.5238
#2	5.0634	5.1079	4.9727	5.0859	3.9654	5.041	5.2343	3.8224
#3	5.0140	5.0246	4.9542	5.0730	3.9430	5.020	5.1808	3.6654

Sample Name: CCV02 Acquired: 8/15/2019 14:28:57 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4303
Stddev .8070
%RSD 56.419

#1 2.3533
#2 .85800
#3 1.0797

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.9	23549.	2224.6	24.477	1915.5
Stddev	2.2	48.	20.7	.715	7.0
%RSD	.11098	.20442	.93228	2.9219	.36431

#1	1976.5	23553.	2241.3	23.775	1912.9
#2	1979.3	23595.	2201.4	24.450	1910.2
#3	1980.8	23499.	2231.2	25.205	1923.4

Sample Name: CCB02 Acquired: 8/15/2019 14:32:55 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00261	.00016	.00194	.00036	.00255	-.00701	.00100	.00001
Stddev	.00208	.00078	.00103	.00126	.00240	.00624	.00051	.00004
%RSD	79.688	482.62	53.192	346.66	93.826	89.110	50.905	838.09

#1	.00117	.00101	.00172	.00168	.00122	-.01125	.00112	-.00001
#2	.00499	.00002	.00307	-.00084	.00113	-.00993	.00143	.00005
#3	.00167	-.00054	.00104	.00025	.00532	.00016	.00044	-.00003

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00179	.00001	-.00007	-.00067	.00088	.00005	-.03889
Stddev	.00009	.00713	.00046	.00031	.00051	.00004	.00009	.05662
%RSD	482.78	397.44	4379.5	415.79	75.800	4.3058	210.01	145.61

#1	.00007	.00621	.00029	-.00022	-.00018	.00090	-.00006	-.02496
#2	.00007	.00560	-.00052	.00028	-.00064	.00084	.00011	-.10117
#3	-.00009	-.00643	.00027	-.00028	-.00119	.00091	.00009	.00947

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00018	-.00037	.60379	-.00019	.00020	.09018	.00084	-.03120
Stddev	.00031	.00093	.03052	.00007	.00004	.04410	.00045	.02193
%RSD	170.32	247.39	5.0553	34.518	19.690	48.903	52.743	70.276

#1	-.00010	.00025	.63810	-.00014	.00024	.08991	.00114	-.05401
#2	-.00053	.00006	.57965	-.00017	.00019	.04622	.00106	-.02931
#3	.00008	-.00144	.59363	-.00026	.00016	.13443	.00033	-.01028

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00239	.00021	-.00203	.00137	-.00044	.0001	-.00008	<.00000
Stddev	.00379	.00113	.00086	.00206	.00080	.0017	.00001	.02078
%RSD	158.81	550.19	42.562	150.26	182.82	1199.	9.3487	5.6600

#1	.00313	-.00086	-.00104	.00109	-.00129	.0012	-.00008	-.38784
#2	-.00172	.00139	-.00245	.00356	-.00032	-.0018	-.00008	-.36743
#3	.00575	.00009	-.00260	-.00053	.00030	.0010	-.00009	-.34628

Sample Name: CCB02 Acquired: 8/15/2019 14:32:55 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg <.00000
Stddev 1.2231
%RSD 216.24

#1 .57620
#2 -.41672
#3 -1.8564

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.6	24029.	2254.4	25.353	2150.5
Stddev	3.1	52.	17.4	.864	2.7
%RSD	.14989	.21548	.77301	3.4068	.12506

#1	2035.5	24005.	2236.5	24.690	2147.8
#2	2041.1	23993.	2255.5	25.040	2153.2
#3	2036.1	24088.	2271.3	26.330	2150.3

Sample Name: K4277-13 Acquired: 8/15/2019 14:37:24 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05556	-.11291	3.5726	-.08097	.01555	347.69	4.3656	.03217
Stddev	.00166	.00825	.0109	.00194	.00364	.95	.0251	.00034
%RSD	2.9944	7.3055	.30504	2.3984	23.428	.27463	.57514	1.0620

#1	.05365	-.12242	3.5799	-.07875	.01619	346.77	4.3403	.03201
#2	.05674	-.10777	3.5778	-.08234	.01163	347.61	4.3905	.03257
#3	.05627	-.10854	3.5601	-.08183	.01883	348.68	4.3659	.03194

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30067	117.49	.32784	1.5918	2.8424	241.03	20.498	127.26
Stddev	.00178	.28	.00101	.0067	.0023	.75	.033	.53
%RSD	.59179	.23758	.30718	.42352	.08106	.31052	.16086	.41662

#1	.30151	117.78	.32731	1.5948	2.8415	241.33	20.504	126.71
#2	.30189	117.23	.32900	1.5965	2.8450	241.58	20.528	127.77
#3	.29863	117.46	.32721	1.5841	2.8406	240.17	20.463	127.30

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.7392	-.03595	81.871	.43875	12.483	55.636	-.00057	-.23669
Stddev	.0160	.00064	.464	.00026	.045	.325	.00020	.00729
%RSD	.58464	1.7751	.56683	.05887	.35896	.58423	35.351	3.0803

#1	2.7501	-.03524	81.385	.43872	12.511	55.338	-.00034	-.22906
#2	2.7467	-.03646	81.920	.43902	12.508	55.982	-.00066	-.24358
#3	2.7208	-.03616	82.310	.43851	12.432	55.587	-.00070	-.23743

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 42.228	F 21.520	.15224	2.7799	.22888	F 75.21	.58972	<.00000
Stddev	.346	.097	.00220	.0032	.00038	.44	.00179	.98882
%RSD	.81939	.45270	1.4451	.11615	.16442	.5824	.30372	.43719

#1	42.503	21.574	.15389	2.7836	.22903	75.51	.59147	-226.77
#2	42.342	21.408	.14974	2.7780	.22846	75.41	.58789	-225.03
#3	41.840	21.579	.15308	2.7781	.22917	74.70	.58978	-226.72

Sample Name: K4277-13 Acquired: 8/15/2019 14:37:24 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg ^ *****
 Stddev -----
 %RSD -----

#1 ^ ----
 #2 1245.9
 #3 ^ ----

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7324.8	90351.	9487.4	18.378	1162.0
Stddev	4.6	223.	73.6	.491	4.6
%RSD	.06225	.24669	.77561	2.6724	.39221

#1	7319.8	90213.	9403.5	18.101	1158.6
#2	7326.0	90231.	9540.6	18.088	1160.2
#3	7328.6	90608.	9518.2	18.945	1167.1

Sample Name: K4329-03 Acquired: 8/15/2019 14:42:09 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02458	-.00261	.02298	.00623	.00730	2.1758	.23204
Stddev	.00313	.00099	.00064	.00139	.00296	.0278	.00239
%RSD	12.746	37.868	2.7839	22.225	40.584	1.2791	1.0310

#1	.02109	-.00196	.02225	.00495	.00594	2.1460	.22944
#2	.02715	-.00375	.02341	.00770	.01070	2.2011	.23414
#3	.02550	-.00213	.02329	.00605	.00527	2.1802	.23255

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00020	.00014	68.103	.00531	.00486	.02035	7.4190
Stddev	.00012	.00011	.564	.00078	.00024	.00055	.0182
%RSD	60.450	79.582	.82878	14.619	5.0369	2.7232	.24534

#1	.00031	.00006	68.346	.00523	.00477	.02045	7.4015
#2	.00020	.00009	67.458	.00457	.00514	.02084	7.4178
#3	.00007	.00026	68.506	.00612	.00468	.01975	7.4378

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.28567	23.391	.01787	-.00003	301.61	.09146	.18084
Stddev	.00110	.201	.00025	.00080	1.55	.00060	.00031
%RSD	.38564	.85830	1.4211	2326.9	.51274	.65656	.17260

#1	.28478	23.170	.01791	.00061	299.83	.09125	.18118
#2	.28690	23.440	.01759	.00022	302.63	.09214	.18079
#3	.28532	23.563	.01810	-.00093	302.37	.09099	.18056

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.678	.00646	.23740	5.8239	F 30.994	-.00225	.07995
Stddev	.148	.00018	.01452	.0040	.134	.00118	.00114
%RSD	1.0050	2.8303	6.1141	.06828	.43317	52.629	1.4249

#1	14.546	.00664	.23972	5.8227	31.129	-.00137	.07866
#2	14.652	.00648	.25062	5.8207	30.993	-.00359	.08081
#3	14.837	.00627	.22187	5.8284	30.861	-.00177	.08039

Sample Name: K4329-03 Acquired: 8/15/2019 14:42:09 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.03770	.1498	.58125	4.3069	F<.00000
Stddev	.00046	.0027	.00144	.4017	2.0383
%RSD	1.2257	1.833	.24738	9.3264	46.330
#1	.03823	.1496	.58092	3.8678	-2.4691
#2	.03740	.1526	.58282	4.6559	-6.5307
#3	.03746	.1471	.58000	4.3969	-4.1985
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.5	23091.	2266.0	25.435	1910.6
Stddev	4.3	56.	14.4	.945	4.3
%RSD	.22208	.24423	.63692	3.7140	.22423
#1	1941.0	23037.	2251.4	26.479	1910.7
#2	1937.4	23085.	2266.2	25.185	1906.3
#3	1946.0	23150.	2280.3	24.640	1914.9

Sample Name: K4330-01 Acquired: 8/15/2019 14:46:32 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00106	-.00030	.00044	-.00162	.00262	-.01159	.00123
Stddev	.00239	.00154	.00083	.00417	.00273	.00932	.00018
%RSD	226.53	516.96	187.51	257.90	104.19	80.418	14.605

#1	-.00171	.00030	.00074	.00183	-.00052	-.02231	.00141
#2	.00250	.00085	-.00049	-.00625	.00442	-.00713	.00123
#3	.00237	-.00204	.00107	-.00042	.00394	-.00534	.00105

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.00002	-.02291	-.00014	-.00003	-.00185	-.00041
Stddev	.00008	.00001	.03587	.00024	.00022	.00025	.00024
%RSD	121.15	39.852	156.57	174.68	849.82	13.479	58.525

#1	.00009	.00003	-.05444	-.00041	-.00022	-.00188	-.00043
#2	.00013	.00001	.01611	-.00007	-.00008	-.00209	-.00065
#3	-.00002	.00001	-.03040	.00006	.00022	-.00159	-.00016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00018	.02758	.00175	.00011	.13886	-.00050	.00590
Stddev	.00006	.02575	.00075	.00019	.01903	.00001	.00007
%RSD	33.455	93.360	42.601	179.39	13.708	2.6192	1.2570

#1	.00025	-.00130	.00261	-.00009	.11995	-.00049	.00594
#2	.00015	.04812	.00123	.00029	.15801	-.00049	.00581
#3	.00014	.03592	.00142	.00012	.13863	-.00051	.00594

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00985	-.00034	-.04408	.00482	.06601	-.00270	.00196
Stddev	.02654	.00009	.00751	.00381	.01049	.00066	.00125
%RSD	269.28	25.203	17.047	78.970	15.891	24.608	63.642

#1	-.03293	-.00043	-.03878	.00246	.07696	-.00207	.00055
#2	.01914	-.00026	-.04077	.00279	.06501	-.00339	.00240
#3	-.01578	-.00033	-.05268	.00921	.05605	-.00262	.00293

Sample Name: K4330-01 Acquired: 8/15/2019 14:46:32 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00586	-.0003	-.00025	<.00000	F<.00000
Stddev	.00133	.0009	.00013	.20149	1.1189
%RSD	22.671	286.1	52.542	3.9533	89.534
#1	-.00552	.0001	-.00037	-5.3034	-.63973
#2	-.00474	.0003	-.00026	-5.0855	-.56831
#3	-.00733	-.0013	-.00011	-4.9009	-2.5410
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.5	25939.	2385.6	27.120	2400.1
Stddev	14.3	116.	5.9	.492	13.4
%RSD	.64678	.44644	.24713	1.8155	.55907
#1	2220.7	26040.	2379.7	26.755	2415.4
#2	2206.7	25965.	2391.5	27.680	2394.6
#3	2192.1	25813.	2385.5	26.925	2390.2

Sample Name: K4331-01 Acquired: 8/15/2019 14:51:00 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00124	-.00066	-.00057	-.00181	-.00061	-.01228	.00083
Stddev	.00207	.00037	.00140	.00347	.00059	.00307	.00083
%RSD	166.84	56.239	244.84	191.86	96.745	24.973	99.542

#1	-.00046	-.00100	-.00203	-.00344	-.00056	-.00895	-.00010
#2	.00032	-.00070	.00075	.00218	-.00122	-.01499	.00112
#3	-.00359	-.00027	-.00043	-.00417	-.00004	-.01291	.00147

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00002	-.02195	.00011	-.00020	-.00175	-.00125
Stddev	.00010	.00007	.00165	.00022	.00026	.00021	.00032
%RSD	299.47	421.03	7.5249	196.28	129.81	12.277	25.285

#1	.00008	.00005	-.02039	-.00013	-.00049	-.00187	-.00095
#2	-.00009	-.00002	-.02179	.00030	-.00005	-.00187	-.00158
#3	-.00009	-.00008	-.02368	.00016	-.00005	-.00150	-.00122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.03365	.00153	-.00041	-.18035	-.00033	.00627
Stddev	.00007	.07467	.00030	.00055	.01986	.00048	.00006
%RSD	363.29	221.92	19.642	133.30	11.010	146.42	.99814

#1	.00004	.03291	.00118	-.00013	-.20225	-.00005	.00631
#2	-.00009	-.04065	.00173	-.00104	-.17527	-.00005	.00620
#3	-.00001	.10868	.00168	-.00006	-.16353	-.00088	.00630

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05495	-.00061	-.03157	.00482	.01638	-.00291	.00173
Stddev	.06444	.00016	.00552	.00265	.00059	.00067	.00171
%RSD	117.27	26.471	17.468	54.899	3.5765	23.070	98.862

#1	-.01082	-.00079	-.03494	.00788	.01682	-.00367	.00250
#2	-.12890	-.00057	-.02521	.00342	.01572	-.00240	-.00023
#3	-.02513	-.00047	-.03457	.00317	.01661	-.00265	.00291

Sample Name: K4331-01 Acquired: 8/15/2019 14:51:00 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00616	-.0000	-.00008	<.00000	F<.00000
Stddev	.00133	.0017	.00013	.26459	.83449
%RSD	21.550	20730.	167.62	5.7340	35.957

#1	-.00511	.0009	-.00003	-4.8797	-1.5712
#2	-.00765	.0010	-.00023	-4.6132	-3.2200
#3	-.00571	-.0019	.00002	-4.3505	-2.1712

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.4	25434.	2357.6	27.508	2351.4
Stddev	9.1	76.	3.4	.528	8.0
%RSD	.42035	.29986	.14282	1.9212	.34000

#1	2181.8	25517.	2354.6	27.600	2360.6
#2	2167.6	25418.	2361.2	27.985	2347.2
#3	2164.8	25367.	2356.9	26.940	2346.4

Sample Name: K4332-01 Acquired: 8/15/2019 14:55:27 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00383	-.00128	-.00014	.00177	.00189	.00225	.00070
Stddev	.00351	.00044	.00142	.00111	.00240	.00837	.00018
%RSD	91.628	34.323	1046.5	62.828	126.85	372.60	25.477

#1	.00023	-.00114	-.00067	.00108	.00464	-.00575	.00056
#2	.00723	-.00093	.00147	.00305	.00084	.01095	.00063
#3	.00401	-.00178	-.00122	.00118	.00020	.00154	.00090

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00006	.00003	-.01958	.00025	-.00007	-.00199	-.00005
Stddev	.00005	.00004	.01926	.00042	.00005	.00036	.00063
%RSD	83.946	134.95	98.339	169.59	73.391	17.961	1208.4

#1	.00011	.00000	-.02022	-.00017	-.00001	-.00158	.00034
#2	.00001	.00007	-.00001	.00067	-.00009	-.00214	.00029
#3	.00005	.00001	-.03851	.00024	-.00011	-.00225	-.00078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.01557	.00166	.00013	-.04750	.00001	.00513
Stddev	.00005	.11002	.00030	.00090	.01352	.00034	.00017
%RSD	95.625	706.43	18.185	717.29	28.457	5302.6	3.2708

#1	.00011	.02553	.00131	.00026	-.05756	.00003	.00525
#2	.00004	-.09908	.00184	-.00084	-.05281	.00034	.00520
#3	.00001	.12028	.00183	.00095	-.03214	-.00035	.00494

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.04386	-.00054	-.01959	-.00077	.00308	-.00338	-.00026
Stddev	.02130	.00049	.03366	.00045	.00297	.00081	.00258
%RSD	48.561	89.305	171.80	59.169	96.533	23.952	987.97

#1	-.04365	-.00071	.01737	-.00058	.00649	-.00292	.00272
#2	-.06527	-.00093	-.02767	-.00128	.00171	-.00432	-.00176
#3	-.02267	.00000	-.04849	-.00044	.00104	-.00291	-.00175

Sample Name: K4332-01 Acquired: 8/15/2019 14:55:27 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00467	-.0011	-.00007	<.00000	F<.00000
Stddev	.00147	.0014	.00009	.15368	1.5838
%RSD	31.415	125.2	142.47	4.1771	52.509

#1	-.00501	.0001	.00002	-3.7899	-4.3203
#2	-.00593	-.0027	-.00017	-3.7435	-3.4748
#3	-.00306	-.0008	-.00005	-3.5036	-1.2538

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2172.4	25573.	2372.7	27.245	2362.2
Stddev	1.7	30.	7.7	1.091	1.5
%RSD	.07677	.11888	.32283	4.0052	.06470

#1	2174.1	25569.	2365.7	27.970	2363.5
#2	2170.7	25605.	2371.5	25.990	2360.5
#3	2172.3	25544.	2380.8	27.775	2362.6

Sample Name: K4333-01 Acquired: 8/15/2019 14:59:54 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00851	-.00474	.01226	.00381	.00518	10.068	.06844
Stddev	.00219	.00035	.00025	.00173	.00190	.012	.00058
%RSD	25.726	7.3903	2.0576	45.506	36.687	.11970	.84387

#1	.00872	-.00464	.01221	.00384	.00569	10.055	.06810
#2	.01058	-.00513	.01203	.00552	.00308	10.078	.06811
#3	.00622	-.00445	.01253	.00206	.00678	10.072	.06910

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00039	33.980	.01581	.00129	.08078	2.1047
Stddev	.00014	.00013	.168	.00030	.00044	.00033	.0070
%RSD	2194.6	33.888	.49367	1.8749	33.942	.40736	.33081

#1	-.00012	.00047	33.807	.01553	.00086	.08109	2.0992
#2	.00015	.00024	34.142	.01580	.00128	.08044	2.1024
#3	-.00005	.00046	33.992	.01612	.00174	.08082	2.1126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03961	1.7657	.00728	.00036	811.83	.03755	.04119
Stddev	.00022	.0988	.00034	.00034	11.90	.00054	.00024
%RSD	.55916	5.5983	4.6309	94.399	1.4652	1.4360	.59459

#1	.03940	1.8611	.00756	.00060	803.15	.03693	.04147
#2	.03958	1.6637	.00737	-.00003	806.96	.03781	.04111
#3	.03984	1.7722	.00691	.00050	825.39	.03791	.04100

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	240.93	.01845	.01019	F 12.040	F 20.272	-.00449	.08779
Stddev	1.00	.00040	.01742	.034	.100	.00101	.00415
%RSD	.41478	2.1578	171.06	.28473	.49267	22.559	4.7231

#1	242.08	.01839	.00738	12.060	20.229	-.00406	.09027
#2	240.27	.01888	.02884	12.061	20.386	-.00565	.09011
#3	240.44	.01809	-.00566	12.001	20.200	-.00377	.08301

Sample Name: K4333-01 Acquired: 8/15/2019 14:59:54 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.01046	.1160	2.5487	6.7229	F<.00000
Stddev	.00072	.0006	.0108	.6824	3.1001
%RSD	6.8535	.4970	.42372	10.151	27.346

#1	.00963	.1154	2.5536	7.4345	-9.5732
#2	.01095	.1166	2.5562	6.6601	-14.916
#3	.01079	.1161	2.5364	6.0740	-9.5209

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1913.2	22243.	2264.2	25.594	1798.4
Stddev	3.5	65.	15.7	1.470	4.8
%RSD	.18099	.29182	.69246	5.7440	.26560

#1	1916.3	22168.	2255.5	24.061	1802.0
#2	1909.5	22282.	2254.8	26.992	1793.0
#3	1913.7	22278.	2282.3	25.730	1800.3

Sample Name: PB122284BL Acquired: 8/15/2019 15:04:23 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00061	-.00124	.00044	-.00075	.00182	-.00434	.00134
Stddev	.00108	.00095	.00045	.00137	.00293	.00647	.00045
%RSD	177.71	76.176	102.98	182.34	160.80	149.15	33.660

#1	-.00161	-.00016	.00095	-.00207	.00304	-.01112	.00124
#2	.00053	-.00189	.00015	.00066	-.00152	.00178	.00182
#3	-.00073	-.00168	.00021	-.00084	.00393	-.00368	.00094

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00005	-.00990	-.00035	.00004	-.00078	.00222
Stddev	.00008	.00007	.02452	.00038	.00026	.00043	.00042
%RSD	4581.8	146.15	247.68	108.28	642.24	55.137	18.930

#1	.00002	.00008	-.02022	-.00018	-.00008	-.00097	.00259
#2	.00006	-.00003	-.02757	-.00078	-.00013	-.00029	.00230
#3	-.00009	.00010	.01809	-.00008	.00034	-.00107	.00176

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00013	-.02084	.00064	-.00062	F .71258	-.00015	-.00011
Stddev	.00006	.09303	.00049	.00103	.03983	.00028	.00004
%RSD	44.234	446.41	77.121	164.57	5.5896	186.15	33.784

#1	.00017	-.12225	.00110	-.00019	.70446	.00007	-.00014
#2	.00007	.06055	.00012	.00012	.75584	-.00046	-.00013
#3	.00016	-.00083	.00070	-.00179	.67743	-.00005	-.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.16940	-.00056	-.02641	.00390	.00293	-.00335	-.00075
Stddev	.09350	.00026	.01514	.00438	.00219	.00065	.00305
%RSD	55.194	45.924	57.313	112.53	74.977	19.315	406.05

#1	.25440	-.00084	-.04386	-.00110	.00218	-.00407	.00121
#2	.18454	-.00034	-.01845	.00570	.00121	-.00315	.00080
#3	.06925	-.00050	-.01691	.00709	.00540	-.00282	-.00426

Sample Name: PB122284BL Acquired: 8/15/2019 15:04:23 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00166	-.0005	-.00008	F .83198	F<.00000
Stddev	.00059	.0014	.00008	.21097	.41811
%RSD	35.648	273.3	100.32	25.357	61.514

#1	.00224	-.0005	-.00002	1.0541	-.29793
#2	.00169	-.0020	-.00017	.63429	-.61463
#3	.00106	.0009	-.00005	.80755	-1.1265

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.4	24211.	2274.4	26.980	2162.3
Stddev	5.1	99.	8.3	.991	7.1
%RSD	.24873	.41063	.36566	3.6728	.32621

#1	2047.0	24244.	2266.0	26.200	2156.0
#2	2053.2	24099.	2282.6	28.095	2160.9
#3	2057.1	24290.	2274.8	26.645	2169.9

Sample Name: PB122284BS Acquired: 8/15/2019 15:08:51 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71829	1.8215	.90317	1.7993	.75207	1.8509	.19565
Stddev	.00080	.0064	.00309	.0025	.00419	.0170	.00209
%RSD	.11103	.35304	.34191	.13698	.55774	.91594	1.0694

#1	.71761	1.8245	.90466	1.7964	.74792	1.8336	.19330
#2	.71808	1.8142	.90522	1.8011	.75197	1.8675	.19731
#3	.71917	1.8259	.89962	1.8002	.75631	1.8515	.19633

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18448	.17592	1.0062	.39981	.18405	.30039	3.0147
Stddev	.00031	.00014	.0087	.00116	.00027	.00009	.0026
%RSD	.16776	.08059	.86337	.28913	.14866	.03113	.08661

#1	.18474	.17601	1.0145	.39970	.18407	.30049	3.0142
#2	.18414	.17598	1.0070	.39871	.18377	.30032	3.0175
#3	.18457	.17575	.99720	.40102	.18432	.30035	3.0124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20064	1.8764	.46706	.06829	2.9945	.29849	.17585
Stddev	.00067	.0569	.00101	.00034	.0439	.00121	.00014
%RSD	.33150	3.0328	.21654	.50247	1.4649	.40510	.07945

#1	.19992	1.8193	.46823	.06790	2.9438	.29711	.17573
#2	.20123	1.9331	.46648	.06842	3.0187	.29897	.17600
#3	.20076	1.8769	.46647	.06855	3.0209	.29938	.17581

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.3991	.37637	.24798	F -.00501	.91468	.60632	.19008
Stddev	.1075	.00135	.00814	.00412	.00424	.00189	.00139
%RSD	1.1434	.35984	3.2815	82.112	.46407	.31248	.73001

#1	9.2998	.37792	.24200	-.00227	.91878	.60793	.19130
#2	9.5132	.37542	.24470	-.00302	.91031	.60679	.18857
#3	9.3843	.37576	.25725	-.00975	.91495	.60423	.19038

Sample Name: PB122284BS Acquired: 8/15/2019 15:08:51 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .10500	5.014	.20388	F .39852	F 7.2922
Stddev	.00161	.003	.00081	.41161	2.8419
%RSD	1.5291	.0648	.39715	103.28	38.972
#1	.10571	5.018	.20297	.86242	10.150
#2	.10614	5.012	.20451	.07703	7.2595
#3	.10317	5.013	.20417	.25612	4.4668
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.9	24535.	2259.7	25.763	2165.8
Stddev	2.1	31.	18.6	.469	4.9
%RSD	.10072	.12709	.82159	1.8221	.22416
#1	2058.2	24520.	2239.9	25.475	2160.2
#2	2062.2	24514.	2276.7	26.305	2168.1
#3	2059.1	24571.	2262.7	25.510	2169.0

Sample Name: PB122300BL Acquired: 8/15/2019 15:12:58 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00014	-.00085	-.00034	.00026	.00265	.00222	.00086
Stddev	.00430	.00041	.00019	.00185	.00063	.00918	.00050
%RSD	3006.5	48.126	53.874	703.55	23.615	412.80	57.879

#1	.00146	-.00113	-.00055	.00141	.00193	.01200	.00137
#2	-.00466	-.00038	-.00019	.00125	.00302	.00087	.00085
#3	.00363	-.00103	-.00029	-.00187	.00301	-.00620	.00037

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	-.00001	-.01648	-.00018	-.00003	-.00121	.00068
Stddev	.00008	.00008	.01136	.00046	.00013	.00016	.00033
%RSD	272.81	1196.3	68.934	252.91	391.66	13.429	49.097

#1	-.00012	.00001	-.01317	-.00067	-.00010	-.00135	.00104
#2	-.00000	.00006	-.02913	-.00011	-.00012	-.00125	.00038
#3	.00003	-.00009	-.00714	.00024	.00012	-.00103	.00062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00432	.00060	-.00082	.03039	.00021	-.00013
Stddev	.00006	.03681	.00006	.00060	.01988	.00055	.00006
%RSD	169.17	852.93	9.6186	73.189	65.420	257.50	46.772

#1	-.00003	.00484	.00064	-.00020	.00774	.00009	-.00013
#2	.00009	-.03275	.00053	-.00086	.04494	.00081	-.00019
#3	.00005	.04086	.00061	-.00139	.03848	-.00026	-.00007

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02037	-.00023	-.02279	.00492	-.00107	-.00244	.00114
Stddev	.02795	.00062	.02175	.00073	.00347	.00048	.00069
%RSD	137.17	262.02	95.416	14.854	324.51	19.724	60.185

#1	.05151	-.00051	-.00023	.00567	-.00198	-.00298	.00190
#2	.01216	.00047	-.04362	.00421	.00277	-.00206	.00097
#3	-.00254	-.00066	-.02452	.00488	-.00400	-.00227	.00056

Sample Name: PB122300BL Acquired: 8/15/2019 15:12:58 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00163	-0.0009	-0.00007	F<.00000	F.79601
Stddev	.00060	.0014	.00011	.36448	1.1598
%RSD	37.068	156.4	141.88	68.295	145.70

#1	-0.00175	-0.0024	-0.00000	-0.85274	.47977
#2	-0.00098	-0.0003	-0.00003	-0.13646	2.0811
#3	-0.00217	.0001	-0.00020	-0.61186	-0.17282

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.8	24252.	2256.0	25.747	2169.5
Stddev	2.7	37.	19.6	.725	.4
%RSD	.12977	.15159	.86664	2.8140	.01839

#1	2058.1	24210.	2236.8	24.980	2170.0
#2	2060.9	24280.	2275.9	25.840	2169.2
#3	2063.5	24265.	2255.5	26.420	2169.4

Sample Name: PB122300BS Acquired: 8/15/2019 15:17:27 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76254	1.9289	.95784	1.9150	.81478	2.1188	.20706
Stddev	.00215	.0060	.00292	.0040	.00159	.0214	.00117
%RSD	.28139	.31248	.30480	.20870	.19460	1.0093	.56301

#1	.76008	1.9234	.95447	1.9168	.81307	2.1396	.20590
#2	.76351	1.9353	.95945	1.9178	.81507	2.1198	.20703
#3	.76403	1.9280	.95960	1.9104	.81621	2.0969	.20824

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19446	.18661	1.0733	.42131	.19472	.31769	3.1815
Stddev	.00040	.00015	.0207	.00326	.00022	.00083	.0060
%RSD	.20780	.07974	1.9307	.77390	.11403	.26227	.18796

#1	.19466	.18644	1.0951	.42353	.19448	.31864	3.1846
#2	.19399	.18669	1.0710	.41757	.19475	.31710	3.1746
#3	.19472	.18669	1.0538	.42283	.19492	.31732	3.1854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21261	1.9941	.48775	.07164	3.0332	.31233	.19542
Stddev	.00069	.1338	.00206	.00025	.0219	.00143	.00056
%RSD	.32319	6.7083	.42286	.35504	.72022	.45895	.28573

#1	.21335	1.9057	.48558	.07136	3.0231	.31187	.19602
#2	.21200	1.9285	.48968	.07184	3.0183	.31118	.19534
#3	.21247	2.1480	.48798	.07174	3.0583	.31393	.19491

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.079	.40279	.24996	F .40887	.92800	.65513	.20061
Stddev	.093	.00098	.00261	.00956	.00472	.00436	.00430
%RSD	.91887	.24368	1.0451	2.3387	.50821	.66557	2.1413

#1	10.131	.40386	.24716	.39966	.92264	.65250	.19587
#2	9.9720	.40258	.25233	.41875	.92986	.65274	.20172
#3	10.133	.40193	.25039	.40821	.93151	.66017	.20424

Sample Name: PB122300BS Acquired: 8/15/2019 15:17:27 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	F .11066	5.345	.21313	F<.00000	F 7.9011
Stddev	.00097	.016	.00106	.28400	.7704
%RSD	.87941	.2930	.49791	117.53	9.7507

#1	.10963	5.335	.21204	-.56866	7.1016
#2	.11077	5.363	.21416	-.09935	8.6387
#3	.11157	5.337	.21317	-.05691	7.9631

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.2	24362.	2269.0	25.868	2159.7
Stddev	5.5	109.	8.6	.145	5.3
%RSD	.26856	.44596	.37974	.56231	.24366

#1	2049.3	24248.	2260.5	25.730	2156.9
#2	2056.1	24464.	2268.7	26.020	2156.4
#3	2060.2	24375.	2277.7	25.855	2165.8

Sample Name: CCV03 Acquired: 8/15/2019 15:21:35 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0242	5.0504	5.0008	5.0984	5.0557	10.002	10.119	.25548
Stddev	.0131	.0177	.0135	.0109	.0098	.098	.056	.00041
%RSD	.26039	.35039	.27019	.21391	.19345	.98353	.54849	.15896
#1	5.0295	5.0614	5.0061	5.0872	5.0496	9.9420	10.075	.25591
#2	5.0092	5.0300	4.9854	5.1089	5.0504	10.116	10.181	.25510
#3	5.0337	5.0599	5.0108	5.0991	5.0670	9.9493	10.101	.25545
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5008	25.470	1.0230	2.4877	1.2640	5.1294	2.5380	25.199
Stddev	.0057	.246	.0036	.0035	.0040	.0117	.0037	.204
%RSD	.22855	.96572	.35027	.13926	.31632	.22818	.14515	.80810
#1	2.5055	25.247	1.0241	2.4893	1.2651	5.1229	2.5346	25.018
#2	2.4944	25.429	1.0190	2.4838	1.2595	5.1223	2.5419	25.419
#3	2.5023	25.734	1.0259	2.4902	1.2673	5.1429	2.5373	25.158
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4967	1.2665	25.123	2.5382	2.4690	24.935	5.0091	4.9833
Stddev	.0058	.0029	.110	.0028	.0030	.170	.0088	.0316
%RSD	.23344	.23108	.43707	.10927	.11974	.68056	.17556	.63421
#1	2.5029	1.2644	25.059	2.5385	2.4710	25.094	5.0023	4.9469
#2	2.4913	1.2653	25.249	2.5409	2.4656	24.954	5.0059	5.0030
#3	2.4958	1.2699	25.059	2.5354	2.4704	24.756	5.0190	5.0001
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9927	5.2786	4.9322	5.0409	F 3.9029	4.992	5.1414	F 1.9594
Stddev	.0221	.0521	.0029	.0408	.0089	.013	.0259	.5292
%RSD	.44163	.98688	.05875	.80909	.22903	.2588	.50407	27.008
#1	5.0165	5.2871	4.9355	4.9963	3.8948	5.005	5.1193	2.5669
#2	4.9729	5.2228	4.9311	5.0499	3.9014	4.993	5.1349	1.7124
#3	4.9888	5.3259	4.9300	5.0764	3.9125	4.979	5.1699	1.5988

Sample Name: CCV03 Acquired: 8/15/2019 15:21:35 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 1.8641
 Stddev .6401
 %RSD 34.338

#1 2.5381
 #2 1.2644
 #3 1.7898

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.5	23699.	2254.0	23.995	1942.2
Stddev	3.4	50.	13.6	1.088	2.8
%RSD	.17075	.20890	.60132	4.5349	.14582

#1	2006.8	23671.	2253.6	23.310	1940.4
#2	2003.8	23669.	2267.7	23.424	1945.5
#3	2000.0	23756.	2240.7	25.249	1940.8

Sample Name: CCB03 Acquired: 8/15/2019 15:25:33 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00121	-.00099	.00043	.00192	.00199	-.00620	.00033	-.00003
Stddev	.00045	.00055	.00066	.00269	.00161	.00415	.00045	.00002
%RSD	37.509	55.091	155.66	140.14	80.759	66.987	137.36	69.766

#1	.00172	-.00038	-.00018	.00498	.00236	-.00942	.00063	-.00002
#2	.00086	-.00143	.00033	.00080	.00338	-.00151	-.00019	-.00001
#3	.00105	-.00116	.00113	-.00003	.00023	-.00765	.00053	-.00005

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	-.04011	-.00039	.00009	-.00077	-.00007	.00009	.02659
Stddev	.00007	.00875	.00037	.00027	.00060	.00055	.00003	.04289
%RSD	175.32	21.826	95.230	299.73	78.232	777.42	32.678	161.31

#1	-.00000	-.04674	-.00081	.00039	-.00145	.00001	.00008	.03934
#2	.00000	-.04340	-.00028	-.00007	-.00029	.00043	.00007	-.02123
#3	.00012	-.03019	-.00009	-.00006	-.00057	-.00066	.00012	.06166

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00072	-.00024	-.07415	-.00021	-.00004	.01266	.00053	-.02328
Stddev	.00009	.00016	.00949	.00057	.00010	.07078	.00044	.01130
%RSD	12.872	67.458	12.799	275.51	261.58	558.95	81.917	48.546

#1	.00081	-.00037	-.07301	-.00014	.00005	.06479	.00087	-.03587
#2	.00062	-.00028	-.06528	-.00081	-.00014	-.06792	.00069	-.01402
#3	.00074	-.00006	-.08416	.00033	-.00002	.04112	.00004	-.01994

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	.00300	-.00219	.00140	-.00082	.0013	.00002	F .14489
Stddev	.00186	.00049	.00056	.00273	.00134	.0022	.00007	.38722
%RSD	50.298	16.454	25.371	195.65	163.01	169.7	345.14	267.26

#1	.00323	.00327	-.00164	.00047	-.00054	.0033	.00009	-.20683
#2	.00573	.00243	-.00275	.00447	.00035	-.0011	.00002	.55982
#3	.00211	.00329	-.00219	-.00075	-.00227	.0017	-.00005	.08167

Sample Name: CCB03 Acquired: 8/15/2019 15:25:33 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.5627
Stddev .4370
%RSD 27.965

#1 1.4850
#2 2.0333
#3 1.1698

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.6	24196.	2259.1	24.223	2162.4
Stddev	7.5	60.	24.6	.517	1.0
%RSD	.36454	.24639	1.0899	2.1336	.04490

#1	2058.7	24219.	2230.7	23.995	2163.5
#2	2049.2	24128.	2272.8	24.815	2161.9
#3	2043.9	24240.	2273.9	23.860	2161.8

Sample Name: PB122300TB Acquired: 8/15/2019 15:30:01 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00171	-.00367	.00043	.00055	.00285	.00655	.00133	-.00013
Stddev	.00175	.00193	.00076	.00231	.00086	.01139	.00090	.00014
%RSD	102.35	52.554	174.65	423.88	30.187	173.96	67.509	109.43
#1	-.00004	-.00148	.00039	.00170	.00365	-.00649	.00048	-.00023
#2	-.00352	-.00443	.00121	-.00212	.00295	.01157	.00227	.00003
#3	-.00157	-.00511	-.00030	.00205	.00194	.01456	.00125	-.00017
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00007	.01041	.00077	-.00028	-.00017	.00147	.00011	-.05423
Stddev	.00008	.01828	.00032	.00023	.00023	.00072	.00004	.03998
%RSD	121.34	175.54	41.652	84.502	129.30	48.644	37.032	73.738
#1	.00003	.00474	.00057	-.00001	-.00044	.00203	.00010	-.02964
#2	.00016	.03085	.00114	-.00043	-.00006	.00173	.00007	-.03268
#3	.00001	-.00436	.00060	-.00039	-.00003	.00066	.00015	-.10036
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00169	.00101	F 334.86	.00016	.00507	-.00360	-.00006	-.02012
Stddev	.00062	.00090	3.84	.00035	.00005	.05285	.00031	.02278
%RSD	36.752	89.342	1.1470	223.23	.90986	1467.5	502.03	113.22
#1	.00099	.00009	330.75	.00007	.00508	-.06354	.00003	-.00841
#2	.00192	.00104	335.47	-.00014	.00502	.03628	.00019	-.04638
#3	.00217	.00190	338.36	.00054	.00510	.01646	-.00040	-.00558
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00543	.02094	-.00221	.00170	-.00230	.0001	.00003	3.5471
Stddev	.00329	.00153	.00156	.00345	.00111	.0012	.00006	.9009
%RSD	60.534	7.3195	70.708	202.51	48.175	1428.	190.88	25.397
#1	.00820	.02265	-.00256	.00226	-.00257	.0011	.00010	2.5144
#2	.00631	.01968	-.00050	.00484	-.00325	-.0012	-.00002	4.1721
#3	.00180	.02050	-.00358	-.00199	-.00108	.0004	.00002	3.9546

Sample Name: PB122300TB Acquired: 8/15/2019 15:30:01 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	<.00000
Stddev	2.4480
%RSD	29.247

#1	-6.0992
#2	-10.963
#3	-8.0479

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.7	23227.	2277.3	26.132	1948.9
Stddev	9.0	40.	9.9	.975	5.1
%RSD	.45740	.17350	.43424	3.7314	.25972

#1	1956.8	23199.	2273.6	25.200	1944.4
#2	1974.2	23273.	2269.8	26.050	1954.4
#3	1969.2	23208.	2288.5	27.145	1947.9

Sample Name: K4355-01 Acquired: 8/15/2019 15:39:08 Type: Unk

Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000

User: Bin Custom ID1: RBR-200057-2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01064	-.00500	.81646	.00597	.00920	105.41	.92060	.00941
Stddev	.00251	.00310	.00095	.00112	.00257	.26	.00068	.00016
%RSD	23.614	61.942	.11599	18.801	27.933	.25108	.07347	1.6670

#1	.00775	-.00783	.81540	.00692	.00824	105.17	.91984	.00947
#2	.01188	-.00549	.81675	.00626	.01212	105.37	.92085	.00924
#3	.01230	-.00169	.81722	.00473	.00725	105.70	.92112	.00953

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00326	28.085	.20093	.10552	.63339	220.38	4.5592	32.598
Stddev	.00028	.084	.00105	.00044	.00099	.36	.0055	.135
%RSD	8.4881	.29994	.52450	.41931	.15617	.16430	.12074	.41476

#1	.00318	27.988	.20093	.10516	.63429	220.58	4.5655	32.441
#2	.00303	28.143	.19987	.10601	.63356	220.59	4.5558	32.675
#3	.00357	28.124	.20198	.10538	.63233	219.96	4.5561	32.677

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24702	.00387	2.6969	.24690	1.0388	12.350	.00808	-.01479
Stddev	.00111	.00109	.0111	.00082	.0052	.033	.00020	.01565
%RSD	.45027	28.220	.41219	.33084	.49558	.26761	2.4195	105.83

#1	.24574	.00480	2.6982	.24599	1.0427	12.335	.00828	-.01475
#2	.24758	.00416	2.6851	.24756	1.0408	12.327	.00788	-.03046
#3	.24775	.00267	2.7072	.24716	1.0330	12.388	.00807	.00084

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5243	3.4213	.01836	1.9999	.07773	5.981	-.05237	<.00000
Stddev	.0103	.0420	.00164	.0184	.00127	.008	.00162	.20948
%RSD	.40770	1.2274	8.9079	.91953	1.6311	.1344	3.0967	.94411

#1	2.5126	3.3763	.01934	1.9838	.07742	5.980	-.05423	-21.949
#2	2.5287	3.4282	.01647	2.0199	.07664	5.990	-.05158	-22.276
#3	2.5317	3.4594	.01926	1.9960	.07912	5.974	-.05129	-22.340

Sample Name: K4355-01 Acquired: 8/15/2019 15:39:08 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-200057-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 101.21
Stddev 2.89
%RSD 2.8551

#1 102.89
#2 102.86
#3 97.870

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2530.6	29650.	2811.3	25.077	1975.3
Stddev	15.9	14.	12.7	.739	13.1
%RSD	.62813	.04585	.45059	2.9466	.66066

#1	2516.2	29657.	2823.3	24.616	1965.3
#2	2528.0	29659.	2798.0	25.929	1970.6
#3	2547.7	29634.	2812.5	24.685	1990.1

Sample Name: K4355-01DUP Acquired: 8/15/2019 15:43:37 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-200057-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01160	-.00570	.82922	.00902	.01040	107.23	.93838	.00959
Stddev	.00244	.00168	.00220	.00138	.00152	.66	.00290	.00012
%RSD	21.077	29.577	.26559	15.272	14.599	.61469	.30895	1.2010
#1	.01058	-.00392	.82899	.00969	.01007	106.51	.93532	.00972
#2	.00982	-.00726	.83153	.00994	.00907	107.40	.93872	.00953
#3	.01439	-.00591	.82715	.00744	.01205	107.80	.94109	.00952
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00336	28.488	.20391	.10710	.64229	223.41	4.5579	33.000
Stddev	.00013	.076	.00128	.00049	.00194	1.44	.0032	.254
%RSD	3.7719	.26526	.62591	.46139	.30224	.64636	.07050	.77053
#1	.00325	28.552	.20440	.10712	.64363	223.98	4.5604	32.730
#2	.00332	28.507	.20487	.10759	.64318	224.48	4.5590	33.032
#3	.00350	28.405	.20246	.10660	.64007	221.77	4.5543	33.236
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25007	.00340	2.6737	.25240	1.0499	12.630	.00828	.00112
Stddev	.00074	.00024	.0097	.00170	.0033	.131	.00026	.01043
%RSD	.29564	7.0930	.36158	.67341	.31836	1.0392	3.0948	928.76
#1	.25091	.00368	2.6658	.25293	1.0521	12.508	.00802	-.00973
#2	.24973	.00329	2.6708	.25377	1.0460	12.614	.00853	.00203
#3	.24956	.00323	2.6845	.25050	1.0515	12.769	.00829	.01107
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5735	3.4682	.01985	2.0361	.07727	6.183	-.05478	<.00000
Stddev	.0091	.0336	.00105	.0053	.00081	.012	.00169	.33131
%RSD	.35323	.96756	5.2820	.26175	1.0455	.1909	3.0801	1.4840
#1	2.5635	3.4545	.01873	2.0411	.07711	6.178	-.05576	-22.215
#2	2.5813	3.5064	.02000	2.0305	.07656	6.175	-.05575	-22.064
#3	2.5758	3.4436	.02081	2.0368	.07815	6.197	-.05284	-22.698

Sample Name: K4355-01DUP Acquired: 8/15/2019 15:43:37 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: RBR-200057-2 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 106.00
 Stddev .67
 %RSD .63216

#1 106.21
 #2 105.25
 #3 106.54

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2534.5	29618.	2825.5	24.404	1967.9
Stddev	11.7	73.	16.7	.826	4.6
%RSD	.46258	.24787	.59168	3.3841	.23500

#1	2523.6	29546.	2808.7	23.505	1964.1
#2	2546.9	29616.	2825.7	25.130	1973.0
#3	2533.0	29693.	2842.2	24.576	1966.6

Sample Name: K4355-01LX5 Acquired: 8/15/2019 15:48:05 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB122284BL Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00500	-.00153	.15988	.00402	.00295	25.048	.22082	.00213
Stddev	.00371	.00077	.00050	.00192	.00231	.119	.00064	.00002
%RSD	74.243	49.996	.31566	47.805	78.311	.47584	.28806	.91064

#1	.00093	-.00132	.15931	.00186	.00306	24.912	.22068	.00214
#2	.00820	-.00238	.16024	.00467	.00059	25.138	.22152	.00211
#3	.00587	-.00089	.16011	.00553	.00521	25.092	.22027	.00215

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00109	6.7712	.04757	.02086	.15617	58.461	1.1078	7.7757
Stddev	.00006	.0372	.00031	.00031	.00063	.167	.0031	.0282
%RSD	5.1138	.54864	.64374	1.4865	.40218	.28647	.27825	.36213

#1	-.00115	6.7415	.04722	.02073	.15689	58.353	1.1113	7.8065
#2	-.00110	6.8129	.04772	.02121	.15583	58.375	1.1055	7.7512
#3	-.00104	6.7593	.04776	.02063	.15578	58.653	1.1066	7.7695

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04781	.00140	.54948	.05958	.19979	2.8601	.00140	-.01495
Stddev	.00037	.00040	.00453	.00025	.00069	.0658	.00026	.01462
%RSD	.78083	28.631	.82474	.42164	.34361	2.2996	18.622	97.799

#1	.04802	.00166	.54437	.05986	.19975	2.7842	.00128	-.03123
#2	.04737	.00159	.55300	.05952	.20050	2.8956	.00121	-.01068
#3	.04802	.00094	.55108	.05937	.19913	2.9005	.00169	-.00294

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49805	.83576	.00132	.48178	.01603	1.180	-.01892	<.00000
Stddev	.00354	.02029	.00097	.00404	.00093	.002	.00015	.34478
%RSD	.71052	2.4283	72.881	.83959	5.7716	.2002	.78332	7.8303

#1	.50085	.81240	.00244	.47914	.01590	1.180	-.01885	-4.6998
#2	.49924	.84904	.00081	.48643	.01517	1.182	-.01882	-4.4847
#3	.49407	.84584	.00072	.47976	.01701	1.178	-.01909	-4.0249

Sample Name: K4355-01LX5 Acquired: 8/15/2019 15:48:05 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: PB122284BL Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg 16.395
 Stddev 1.655
 %RSD 10.096

#1 17.667
 #2 16.995
 #3 14.524

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2168.0	25426.	2398.3	26.207	2097.4
Stddev	8.7	65.	10.4	.490	4.1
%RSD	.40222	.25601	.43185	1.8695	.19774

#1	2159.6	25372.	2408.1	26.320	2094.3
#2	2177.0	25407.	2387.5	25.670	2102.1
#3	2167.3	25498.	2399.4	26.630	2095.7

Sample Name: K4355-01MS Acquired: 8/15/2019 15:52:33 Type: Unk

Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000

User: Bin Custom ID1: RBR-200057-2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60389	1.8391	1.7659	1.4595	.15420	124.23	1.0767	.16673
Stddev	.00187	.0014	.0030	.0039	.00337	.81	.0046	.00013
%RSD	.30966	.07782	.16946	.27000	2.1838	.65008	.42341	.07704
#1	.60605	1.8396	1.7660	1.4604	.15464	123.30	1.0714	.16658
#2	.60280	1.8403	1.7628	1.4552	.15732	124.79	1.0789	.16678
#3	.60283	1.8375	1.7688	1.4629	.15063	124.59	1.0797	.16682
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18824	28.176	.52337	.28970	.83591	209.30	4.6863	35.853
Stddev	.00047	.136	.00188	.00126	.00015	.57	.0066	.368
%RSD	.24719	.48135	.35981	.43632	.01811	.27281	.14033	1.0266
#1	.18851	28.220	.52278	.29112	.83604	209.55	4.6796	35.448
#2	.18851	28.023	.52186	.28927	.83575	208.65	4.6928	35.943
#3	.18770	28.283	.52548	.28871	.83596	209.71	4.6865	36.168
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71020	.05911	5.0327	.47464	1.2230	21.699	.27478	.19201
Stddev	.00177	.00113	.0526	.00100	.0057	.118	.00078	.00471
%RSD	.24865	1.9135	1.0446	.20998	.46368	.54261	.28454	2.4538
#1	.71172	.05969	4.9738	.47364	1.2165	21.566	.27427	.19453
#2	.71061	.05983	5.0750	.47563	1.2270	21.791	.27440	.18657
#3	.70826	.05781	5.0493	.47466	1.2255	21.741	.27568	.19493
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5336	4.7965	.62181	2.0770	.16637	F 10.70	.11588	<.00000
Stddev	.0032	.0420	.00235	.0216	.00133	.01	.00112	.42797
%RSD	.12492	.87522	.37791	1.0395	.79743	.1139	.96683	2.3039
#1	2.5299	4.8202	.62381	2.0580	.16496	10.71	.11469	-18.115
#2	2.5355	4.7481	.61922	2.0726	.16654	10.69	.11602	-18.961
#3	2.5353	4.8214	.62242	2.1005	.16760	10.69	.11692	-18.651

Sample Name: K4355-01MS Acquired: 8/15/2019 15:52:33 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-200057-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 96.448
Stddev	2.192
%RSD	2.2725

#1	94.242
#2	98.626
#3	96.475

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.3	29037.	2762.5	25.403	1953.0
Stddev	9.7	52.	13.4	.626	4.6
%RSD	.39112	.17736	.48603	2.4652	.23789

#1	2489.4	29094.	2753.6	24.725	1958.3
#2	2471.2	29023.	2778.0	25.960	1950.0
#3	2474.5	28994.	2756.0	25.524	1950.7

Sample Name: K4355-01MSD Acquired: 8/15/2019 15:56:54 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-200057-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60082	1.8327	1.7713	1.4577	.15637	124.69	1.0835	.16675
Stddev	.00332	.0054	.0012	.0022	.00175	.49	.0032	.00063
%RSD	.55226	.29478	.07022	.15131	1.1160	.39224	.29910	.37813
#1	.59699	1.8328	1.7715	1.4594	.15591	124.13	1.0802	.16644
#2	.60256	1.8272	1.7700	1.4585	.15491	124.91	1.0867	.16747
#3	.60290	1.8380	1.7725	1.4552	.15830	125.02	1.0835	.16633
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18867	27.852	.52444	.29045	.83555	209.15	4.6767	36.049
Stddev	.00068	.134	.00078	.00047	.00197	.99	.0119	.240
%RSD	.35791	.48191	.14854	.16200	.23537	.47245	.25417	.66465
#1	.18918	27.817	.52485	.29097	.83670	209.88	4.6724	35.867
#2	.18791	28.001	.52493	.29034	.83328	209.53	4.6901	35.959
#3	.18893	27.739	.52354	.29004	.83666	208.02	4.6675	36.320
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.71133	.05879	5.0512	.47580	1.2301	21.728	.27598	.19023
Stddev	.00191	.00080	.0179	.00097	.0027	.066	.00087	.03325
%RSD	.26854	1.3669	.35468	.20491	.21664	.30434	.31645	17.478
#1	.71333	.05970	5.0321	.47628	1.2298	21.743	.27603	.22714
#2	.70952	.05820	5.0539	.47644	1.2277	21.785	.27508	.18095
#3	.71115	.05846	5.0676	.47468	1.2330	21.655	.27683	.16261
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5024	4.8002	.62003	2.0987	.16577	F 10.63	.11458	<.00000
Stddev	.0049	.0512	.00232	.0132	.00114	.02	.00204	.36060
%RSD	.19491	1.0675	.37346	.62866	.68673	.1813	1.7789	1.9024
#1	2.5073	4.7412	.61866	2.0943	.16463	10.65	.11224	-18.544
#2	2.4976	4.8339	.62270	2.0882	.16690	10.61	.11597	-19.104
#3	2.5021	4.8254	.61872	2.1135	.16578	10.64	.11554	-19.217

Sample Name: K4355-01MSD Acquired: 8/15/2019 15:56:54 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: RBR-200057-2 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	F 96.490
Stddev	2.115
%RSD	2.1916

#1	96.064
#2	94.620
#3	98.785

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.3	29058.	2779.7	24.344	1943.2
Stddev	5.4	121.	17.5	.375	2.5
%RSD	.21879	.41583	.63021	1.5387	.12755

#1	2468.6	28939.	2764.1	23.950	1943.3
#2	2473.5	29053.	2776.3	24.696	1945.6
#3	2462.7	29181.	2798.7	24.386	1940.7

Sample Name: K4355-01A Acquired: 8/15/2019 16:01:16 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PB122284BS Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60317	1.8351	1.7692	1.4544	.15691	123.75	1.0800	.16683
Stddev	.00695	.0008	.0044	.0059	.00043	.23	.0018	.00066
%RSD	1.1517	.04394	.25118	.40328	.27102	.18905	.16807	.39329
#1	.61102	1.8358	1.7646	1.4567	.15736	123.74	1.0795	.16697
#2	.60066	1.8353	1.7695	1.4477	.15685	123.52	1.0820	.16612
#3	.59782	1.8342	1.7735	1.4588	.15652	123.99	1.0785	.16741
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18872	28.115	.52143	.29039	.83482	208.04	4.6577	35.805
Stddev	.00033	.168	.00156	.00106	.00014	.89	.0045	.123
%RSD	.17418	.59836	.29898	.36404	.01715	.42791	.09609	.34336
#1	.18892	28.289	.52030	.29050	.83483	209.03	4.6626	35.825
#2	.18834	27.953	.52078	.28929	.83467	207.32	4.6538	35.917
#3	.18889	28.102	.52321	.29139	.83495	207.76	4.6566	35.673
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70924	.05996	5.0143	.47509	1.2283	21.557	.27395	.19856
Stddev	.00120	.00070	.0349	.00061	.0017	.050	.00069	.01548
%RSD	.16973	1.1647	.69543	.12735	.13940	.23132	.25037	7.7955
#1	.71061	.06040	4.9822	.47440	1.2264	21.614	.27471	.20907
#2	.70876	.05915	5.0514	.47554	1.2291	21.529	.27337	.20583
#3	.70835	.06032	5.0093	.47534	1.2295	21.526	.27378	.18079
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5412	4.8601	.62227	2.0866	.16560	F 10.67	.11730	<.00000
Stddev	.0082	.0437	.00225	.0100	.00116	.01	.00158	.56978
%RSD	.32348	.89879	.36084	.47981	.69886	.0615	1.3500	3.1254
#1	2.5472	4.8731	.62348	2.0796	.16468	10.67	.11718	-17.825
#2	2.5319	4.8114	.61968	2.0822	.16523	10.67	.11578	-18.882
#3	2.5446	4.8958	.62364	2.0981	.16690	10.66	.11894	-17.984

Sample Name: K4355-01A Acquired: 8/15/2019 16:01:16 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: PB122284BS Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 97.409
Stddev	1.821
%RSD	1.8690

#1	95.882
#2	96.921
#3	99.424

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.4	29181.	2770.7	24.642	1947.8
Stddev	4.2	121.	26.3	.298	2.0
%RSD	.16937	.41380	.94776	1.2091	.10236

#1	2474.8	29041.	2750.8	24.670	1949.0
#2	2471.5	29258.	2800.5	24.925	1945.5
#3	2479.8	29242.	2760.9	24.331	1949.0

Sample Name: K4356-01 Acquired: 8/15/2019 16:05:37 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00877	-.00172	.01545	.00932	.00221	8.6144	.23802	.00116
Stddev	.00169	.00088	.00114	.00242	.00128	.0511	.00247	.00004
%RSD	19.236	51.034	7.3893	25.974	58.020	.59360	1.0379	3.5397

#1	.00918	-.00089	.01501	.00994	.00367	8.5757	.23524	.00112
#2	.00691	-.00163	.01675	.00664	.00169	8.5952	.23886	.00117
#3	.01021	-.00263	.01460	.01136	.00126	8.6724	.23995	.00120

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00057	26.860	.01741	.00287	.05473	40.365	1.5124	5.4153
Stddev	.00007	.084	.00050	.00004	.00027	.077	.0066	.0388
%RSD	13.146	.31366	2.8678	1.3057	.49942	.19165	.43570	.71587

#1	-.00059	26.878	.01695	.00291	.05444	40.454	1.5128	5.3725
#2	-.00048	26.769	.01734	.00287	.05497	40.330	1.5188	5.4479
#3	-.00062	26.934	.01794	.00284	.05479	40.311	1.5056	5.4256

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02866	.00181	7.6228	.01757	.18458	.51391	.00083	.04954
Stddev	.00057	.00028	.0389	.00016	.00029	.03511	.00043	.01353
%RSD	1.9995	15.277	.51079	.90437	.15930	6.8317	51.736	27.304

#1	.02816	.00187	7.5788	.01766	.18486	.50830	.00099	.04293
#2	.02854	.00205	7.6527	.01766	.18460	.48195	.00116	.04059
#3	.02929	.00151	7.6370	.01739	.18427	.55149	.00034	.06510

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 44.171	1.3072	-.01623	.12506	-.00230	.9453	.09461	<.00000
Stddev	.224	.0065	.00017	.00285	.00074	.0065	.00041	.93273
%RSD	.50803	.49385	1.0721	2.2825	32.103	.6873	.43306	34.269

#1	43.912	1.3117	-.01621	.12804	-.00154	.9389	.09472	-2.6289
#2	44.309	1.3101	-.01641	.12481	-.00235	.9451	.09416	-3.6975
#3	44.292	1.2998	-.01607	.12234	-.00302	.9519	.09496	-1.8390

Sample Name: K4356-01 Acquired: 8/15/2019 16:05:37 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	11.809
Stddev	.422
%RSD	3.5762

#1	12.245
#2	11.402
#3	11.779

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.3	25068.	2389.1	26.908	2162.6
Stddev	1.3	22.	7.6	.885	3.7
%RSD	.06325	.08916	.31930	3.2902	.16956

#1	2119.0	25063.	2380.6	26.990	2166.3
#2	2121.7	25048.	2395.5	27.750	2162.5
#3	2120.2	25092.	2391.0	25.985	2158.9

Sample Name: K4356-03 Acquired: 8/15/2019 16:09:56 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00638	-.00268	.00267	.00953	.00170	8.7601	.26164	.00130
Stddev	.00347	.00020	.00033	.00135	.00091	.0570	.00244	.00010
%RSD	54.478	7.5105	12.380	14.164	53.729	.65041	.93407	7.5904

#1	.00830	-.00291	.00229	.00970	.00097	8.8018	.25904	.00133
#2	.00237	-.00257	.00290	.01079	.00273	8.7832	.26388	.00119
#3	.00846	-.00256	.00282	.00811	.00141	8.6952	.26201	.00138

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00089	33.378	.00695	.00576	.04864	28.432	1.4312	5.6095
Stddev	.00010	.188	.00032	.00012	.00080	.046	.0065	.0415
%RSD	11.384	.56317	4.5616	2.0686	1.6403	.16130	.45037	.73988

#1	.00080	33.217	.00709	.00574	.04944	28.484	1.4251	5.6462
#2	.00088	33.332	.00717	.00565	.04785	28.408	1.4306	5.6178
#3	.00100	33.585	.00659	.00588	.04862	28.403	1.4380	5.5644

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02423	.00001	2.5505	.01606	.19612	.28873	.00035	.05642
Stddev	.00031	.00049	.0123	.00046	.00023	.03105	.00027	.01752
%RSD	1.2710	3807.0	.48119	2.8926	.11593	10.754	78.816	31.059

#1	.02458	-.00010	2.5416	.01615	.19626	.29067	.00044	.07493
#2	.02409	.00054	2.5645	.01556	.19624	.31876	.00004	.05423
#3	.02402	-.00041	2.5453	.01647	.19585	.25675	.00056	.04009

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 41.003	1.2773	-.01635	.08610	-.00339	.9749	.16978	<.00000
Stddev	.118	.0139	.00051	.00231	.00154	.0021	.00091	.85294
%RSD	.28724	1.0895	3.1258	2.6789	45.460	.2184	.53322	26.308

#1	41.136	1.2670	-.01680	.08816	-.00237	.9759	.16906	-2.3349
#2	40.910	1.2931	-.01580	.08652	-.00264	.9764	.16949	-3.3638
#3	40.964	1.2718	-.01645	.08361	-.00516	.9725	.17079	-4.0277

Sample Name: K4356-03 Acquired: 8/15/2019 16:09:56 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 7.4998
Stddev .9076
%RSD 12.102

#1 7.2408
#2 6.7498
#3 8.5088

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.5	25199.	2400.3	26.787	2181.1
Stddev	6.4	30.	17.3	1.246	6.8
%RSD	.29997	.11922	.71895	4.6502	.31093

#1	2123.0	25167.	2394.0	26.065	2173.9
#2	2135.7	25226.	2419.9	28.225	2187.4
#3	2130.0	25205.	2387.2	26.070	2182.0

Sample Name: K4356-05 Acquired: 8/15/2019 16:14:16 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02696	-.00150	.09603	.00685	.00536	16.722	.27790	.00186
Stddev	.00106	.00206	.00191	.00542	.00094	.206	.00142	.00009
%RSD	3.9482	137.42	1.9902	79.138	17.633	1.2324	.51066	4.5924
#1	.02577	-.00302	.09401	.00627	.00440	16.491	.27627	.00180
#2	.02732	.00084	.09627	.00174	.00629	16.790	.27884	.00183
#3	.02781	-.00232	.09781	.01254	.00538	16.886	.27858	.00196
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00082	37.370	.02538	.00835	.10712	50.342	1.5835	14.012
Stddev	.00013	.353	.00028	.00028	.00027	.207	.0059	.091
%RSD	16.026	.94415	1.0878	3.2950	.25459	.41209	.37494	.64748
#1	.00084	37.032	.02551	.00842	.10736	50.358	1.5799	13.908
#2	.00095	37.343	.02556	.00805	.10682	50.128	1.5903	14.052
#3	.00068	37.736	.02506	.00859	.10718	50.542	1.5802	14.076
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04087	.00219	28.933	.03856	.31054	1.5427	.00268	.08573
Stddev	.00021	.00037	.152	.00051	.00045	.0200	.00030	.01630
%RSD	.52402	17.121	.52566	1.3206	.14632	1.2973	11.145	19.010
#1	.04109	.00201	28.781	.03802	.31048	1.5609	.00235	.07985
#2	.04085	.00193	28.935	.03863	.31102	1.5213	.00293	.07319
#3	.04067	.00262	29.085	.03903	.31012	1.5459	.00277	.10415
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 59.890	1.3012	-.01435	.22040	.00154	1.490	.23378	<.00000
Stddev	.132	.0353	.00187	.00143	.00026	.004	.00222	.32713
%RSD	.22044	2.7111	13.006	.65053	16.938	.2744	.95092	8.4209
#1	59.763	1.3213	-.01546	.21965	.00124	1.492	.23128	-3.9519
#2	59.881	1.3219	-.01219	.21949	.00169	1.493	.23553	-4.1731
#3	60.026	1.2605	-.01538	.22205	.00169	1.486	.23453	-3.5292

Sample Name: K4356-05 Acquired: 8/15/2019 16:14:16 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	15.233
Stddev	.767
%RSD	5.0381

#1	15.715
#2	15.635
#3	14.348

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.4	25254.	2412.0	26.215	2082.3
Stddev	4.7	16.	3.2	.919	4.7
%RSD	.22043	.06203	.13324	3.5039	.22341

#1	2130.9	25270.	2408.3	25.154	2086.7
#2	2129.3	25238.	2413.7	26.764	2082.7
#3	2122.1	25254.	2414.0	26.726	2077.4

Sample Name: CCV04 Acquired: 8/15/2019 16:18:38 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15359 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0487	5.0512	5.0232	5.1346	5.0973	10.037	10.177	.25650
Stddev	.0065	.0089	.0088	.0211	.0159	.129	.115	.00077
%RSD	.12811	.17628	.17527	.41178	.31099	1.2839	1.1328	.29852
#1	5.0504	5.0597	5.0331	5.1394	5.0790	9.8957	10.052	.25731
#2	5.0415	5.0419	5.0161	5.1115	5.1060	10.069	10.201	.25637
#3	5.0541	5.0520	5.0205	5.1530	5.1068	10.148	10.279	.25580
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5029	25.463	1.0213	2.4990	1.2742	5.1449	2.5438	25.117
Stddev	.0046	.106	.0025	.0028	.0026	.0039	.0053	.403
%RSD	.18561	.41604	.24430	.11103	.20074	.07623	.21029	1.6035
#1	2.5061	25.347	1.0235	2.5022	1.2715	5.1446	2.5489	24.699
#2	2.4976	25.554	1.0186	2.4976	1.2744	5.1412	2.5443	25.148
#3	2.5050	25.488	1.0219	2.4973	1.2766	5.1490	2.5383	25.503
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4971	1.2694	25.198	2.5442	2.4803	25.093	5.0295	5.0064
Stddev	.0042	.0030	.282	.0026	.0028	.269	.0106	.0467
%RSD	.16665	.23958	1.1191	.10062	.11122	1.0710	.21103	.93283
#1	2.4967	1.2659	24.889	2.5469	2.4815	24.845	5.0172	4.9555
#2	2.4932	1.2710	25.266	2.5419	2.4772	25.054	5.0361	5.0164
#3	2.5015	1.2712	25.440	2.5439	2.4823	25.378	5.0351	5.0473
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0550	5.2099	4.9445	5.0406	F 3.9183	5.001	5.1505	F 2.2748
Stddev	.0198	.0360	.0102	.0315	.0052	.024	.0113	.0108
%RSD	.39158	.69130	.20709	.62569	.13381	.4738	.21864	.47295
#1	5.0760	5.2465	4.9545	5.0043	3.9189	5.025	5.1375	2.2650
#2	5.0367	5.2087	4.9451	5.0609	3.9128	4.978	5.1568	2.2863
#3	5.0522	5.1745	4.9340	5.0566	3.9233	4.998	5.1571	2.2730

Sample Name: CCV04 Acquired: 8/15/2019 16:18:38 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV15359 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	F 3.6331
Stddev	1.8083
%RSD	49.772

#1	4.4546
#2	4.8849
#3	1.5599

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.0	23529.	2244.5	24.651	1931.4
Stddev	2.5	27.	21.8	1.277	3.3
%RSD	.12446	.11680	.97241	5.1816	.17289

#1	1988.7	23499.	2222.2	25.718	1927.8
#2	1984.1	23535.	2245.4	23.236	1932.0
#3	1988.1	23552.	2265.9	25.000	1934.4

Sample Name: CCB04 Acquired: 8/15/2019 16:22:36 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCB15359 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00050	-.00051	.00012	.00149	.00171	-.00842	.00103
Stddev	.00215	.00126	.00144	.00241	.00060	.01661	.00047
%RSD	432.70	248.86	1187.7	162.16	35.287	197.29	45.809

#1	.00195	-.00059	-.00074	-.00027	.00134	-.01549	.00149
#2	-.00211	-.00172	.00178	.00424	.00240	-.02032	.00055
#3	-.00133	.00079	-.00068	.00049	.00139	.01056	.00104

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00004	.00002	-.01903	-.00005	.00010	-.00104	.00117
Stddev	.00003	.00003	.02252	.00047	.00010	.00029	.00080
%RSD	74.410	125.88	118.30	980.74	106.11	28.443	68.019

#1	.00008	.00006	-.01368	-.00059	-.00002	-.00124	.00108
#2	.00001	.00001	.00032	.00031	.00015	-.00116	.00202
#3	.00004	.00001	-.04375	.00013	.00016	-.00070	.00043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	-.02529	.00060	.00043	-.21406	.00024	-.00020
Stddev	.00004	.06373	.00031	.00080	.01110	.00068	.00006
%RSD	9501.5	252.05	50.830	185.92	5.1853	287.39	28.316

#1	-.00003	-.02001	.00068	.00135	-.20235	.00002	-.00015
#2	.00004	.03564	.00026	.00012	-.22443	-.00031	-.00026
#3	-.00001	-.09149	.00085	-.00017	-.21541	.00100	-.00019

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.05644	.00040	-.02111	.00460	.00210	-.00257	-.00067
Stddev	.02405	.00027	.02296	.00609	.00137	.00051	.00160
%RSD	42.613	66.220	108.76	132.61	65.263	19.818	238.99

#1	-.08209	.00069	.00231	.00748	.00244	-.00213	-.00188
#2	-.05282	.00036	-.04358	.00871	.00328	-.00313	.00115
#3	-.03440	.00016	-.02206	-.00240	.00060	-.00247	-.00128

Sample Name: CCB04 Acquired: 8/15/2019 16:22:36 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCB15359 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00132	-.0001	.00006	F<.00000	F 1.7593
Stddev	.00165	.0003	.00021	1.0591	2.1492
%RSD	125.08	274.5	344.34	181.97	122.17
#1	-.00138	-.0002	-.00007	-1.2985	4.0236
#2	.00036	.0002	.00030	.63452	-.25255
#3	-.00295	-.0003	-.00005	-1.0820	1.5067
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.4	24125.	2264.7	25.518	2162.4
Stddev	2.5	51.	14.7	.901	5.2
%RSD	.12089	.21275	.64918	3.5314	.24267
#1	2056.2	24146.	2261.1	24.885	2167.7
#2	2051.7	24162.	2252.1	25.120	2162.3
#3	2052.2	24066.	2280.9	26.550	2157.2

Sample Name: K4356-07 Acquired: 8/15/2019 16:27:05 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04303	-.00137	.19832	.01118	.00594	14.487	.35449	.00188
Stddev	.00199	.00140	.00108	.00654	.00214	.086	.00159	.00012
%RSD	4.6289	102.13	.54218	58.530	36.014	.59644	.44973	6.2940
#1	.04213	-.00064	.19715	.00392	.00603	14.440	.35418	.00201
#2	.04165	-.00049	.19857	.01300	.00376	14.587	.35622	.00183
#3	.04531	-.00299	.19926	.01662	.00804	14.434	.35307	.00179
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00044	44.927	.03361	.00840	.16496	47.610	.95981	15.787
Stddev	.00006	.241	.00024	.00011	.00071	.063	.00039	.143
%RSD	13.735	.53654	.70966	1.3046	.42922	.13127	.04055	.90632
#1	-.00051	44.649	.03378	.00844	.16463	47.621	.95982	15.664
#2	-.00042	45.052	.03334	.00827	.16577	47.543	.96019	15.944
#3	-.00040	45.080	.03371	.00848	.16448	47.667	.95941	15.753
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.05564	.00136	32.745	.05004	.14222	1.2698	.00605	.15210
Stddev	.00033	.00050	.201	.00010	.00002	.0654	.00034	.01241
%RSD	.59072	36.410	.61502	.20428	.01588	5.1540	5.6210	8.1623
#1	.05601	.00183	32.709	.04997	.14224	1.3254	.00621	.15234
#2	.05542	.00141	32.963	.05000	.14219	1.1977	.00628	.16439
#3	.05547	.00084	32.565	.05016	.14222	1.2862	.00566	.13956
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 66.861	1.5526	-.02200	.16024	-.00022	2.245	.32478	<.00000
Stddev	.144	.0236	.00027	.00257	.00034	.002	.00178	.58332
%RSD	.21587	1.5225	1.2351	1.6060	155.66	.0685	.54934	14.518
#1	67.023	1.5525	-.02231	.15902	-.00061	2.244	.32682	-3.5228
#2	66.813	1.5291	-.02179	.15851	.00004	2.244	.32398	-4.6610
#3	66.747	1.5764	-.02191	.16320	-.00009	2.246	.32354	-3.8702

Sample Name: K4356-07 Acquired: 8/15/2019 16:27:05 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 14.909
Stddev 1.007
%RSD 6.7526

#1 14.538
#2 14.141
#3 16.049

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2123.1	25179.	2398.7	24.937	2037.6
Stddev	4.8	92.	12.6	.860	3.2
%RSD	.22620	.36397	.52700	3.4469	.15611

#1	2128.5	25117.	2386.3	23.982	2041.3
#2	2119.4	25135.	2411.6	25.180	2035.7
#3	2121.3	25284.	2398.2	25.649	2035.9

Sample Name: K4356-09 Acquired: 8/15/2019 16:31:24 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.04352	-.00148	.23372	.01399	.00624	74.265	.50312	.00733
Stddev	.00318	.00150	.00340	.00415	.00081	.122	.00225	.00012
%RSD	7.3013	100.78	1.4552	29.699	12.987	.16456	.44794	1.5930

#1	.03988	-.00316	.23533	.01413	.00664	74.125	.50345	.00733
#2	.04494	-.00027	.23602	.01807	.00677	74.320	.50519	.00721
#3	.04573	-.00103	.22981	.00977	.00530	74.350	.50071	.00744

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00012	20.489	.23291	.09361	.41685	216.23	3.5847	34.184
Stddev	.00025	.158	.00050	.00041	.00127	1.56	.0147	.250
%RSD	212.91	.77047	.21293	.43343	.30572	.72113	.40944	.73165

#1	.00023	20.423	.23346	.09402	.41786	215.58	3.5943	34.286
#2	-.00017	20.374	.23249	.09360	.41541	218.01	3.5920	34.366
#3	.00030	20.669	.23277	.09321	.41726	215.11	3.5678	33.899

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18513	.00567	9.8323	.24815	.66645	9.8785	.00447	.01822
Stddev	.00114	.00032	.0605	.00123	.00337	.1169	.00029	.01340
%RSD	.61644	5.6053	.61552	.49715	.50619	1.1830	6.5433	73.535

#1	.18620	.00533	9.8568	.24943	.66905	9.8381	.00466	.00575
#2	.18527	.00596	9.8768	.24697	.66264	10.010	.00414	.03238
#3	.18393	.00573	9.7634	.24804	.66767	9.7872	.00463	.01653

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.8814	3.5477	.03162	1.3603	.09075	4.633	-.10742	<.00000
Stddev	.0127	.0434	.00078	.0129	.00088	.004	.00194	.64850
%RSD	.16081	1.2226	2.4655	.94615	.96976	.0932	1.8066	4.1087

#1	7.8707	3.5661	.03195	1.3508	.09004	4.635	-.10701	-16.522
#2	7.8954	3.4982	.03072	1.3552	.09047	4.628	-.10954	-15.518
#3	7.8782	3.5789	.03217	1.3750	.09173	4.635	-.10572	-15.310

Sample Name: K4356-09 Acquired: 8/15/2019 16:31:24 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	86.807
Stddev	1.881
%RSD	2.1669

#1	87.816
#2	84.637
#3	87.969

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.4	27884.	2678.1	24.861	1983.1
Stddev	11.6	150.	12.3	.873	9.7
%RSD	.48875	.53808	.45933	3.5116	.48873

#1	2359.9	27801.	2674.1	25.858	1975.4
#2	2379.8	27793.	2691.9	24.231	1994.0
#3	2359.6	28057.	2668.2	24.496	1979.9

Sample Name: K4356-11 Acquired: 8/15/2019 16:35:44 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.12249	.00111	1.1171	.02308	.00821	35.015	.55837	.00313
Stddev	.00472	.00047	.0015	.00126	.00304	.182	.00536	.00002
%RSD	3.8497	42.177	.13468	5.4683	37.026	.52092	.96062	.79250
#1	.12697	.00103	1.1174	.02211	.01130	34.826	.55221	.00311
#2	.12294	.00068	1.1155	.02262	.00522	35.029	.56087	.00312
#3	.11757	.00161	1.1185	.02450	.00812	35.190	.56203	.00316
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00222	30.379	.62001	.03833	.50450	103.72	2.2510	20.704
Stddev	.00008	.144	.00104	.00022	.00125	.35	.0034	.156
%RSD	3.4093	.47415	.16802	.57085	.24773	.34068	.15066	.75386
#1	.00221	30.241	.61970	.03844	.50572	103.48	2.2495	20.548
#2	.00231	30.369	.61917	.03808	.50455	103.55	2.2549	20.860
#3	.00216	30.528	.62118	.03848	.50322	104.12	2.2486	20.703
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17656	.01065	38.859	.24867	1.8170	5.2338	.01375	.09656
Stddev	.00135	.00067	.240	.00021	.0035	.0199	.00036	.00746
%RSD	.76696	6.2788	.61703	.08303	.19447	.38041	2.5877	7.7302
#1	.17726	.01000	38.584	.24884	1.8203	5.2351	.01337	.08795
#2	.17743	.01134	38.975	.24844	1.8132	5.2133	.01379	.10100
#3	.17500	.01062	39.020	.24872	1.8174	5.2530	.01408	.10074
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 120.90	2.6933	.02070	.78010	.02435	6.097	.21241	<.00000
Stddev	.32	.0046	.00093	.00441	.00090	.014	.00022	.70568
%RSD	.26603	.16975	4.4682	.56564	3.7000	.2336	.10125	11.453
#1	121.17	2.6885	.02095	.77515	.02360	6.081	.21226	-6.8664
#2	120.54	2.6976	.02148	.78363	.02535	6.101	.21266	-6.1628
#3	120.98	2.6937	.01968	.78152	.02410	6.109	.21232	-5.4551

Sample Name: K4356-11 Acquired: 8/15/2019 16:35:44 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-6 Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	34.182
Stddev	2.247
%RSD	6.5745

#1	32.202
#2	33.719
#3	36.625

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2188.3	25945.	2493.5	24.632	2033.7
Stddev	5.8	36.	6.7	1.500	2.7
%RSD	.26287	.13886	.26964	6.0896	.13103

#1	2181.7	25983.	2489.3	23.981	2031.2
#2	2192.0	25911.	2490.0	23.567	2036.5
#3	2191.2	25940.	2501.3	26.347	2033.4

Sample Name: K4356-13 Acquired: 8/15/2019 16:40:05 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.02804	-.00443	.08088	.00675	.00215	13.866	.22350	.00137
Stddev	.00308	.00027	.00049	.00546	.00116	.119	.00120	.00005
%RSD	11.001	6.1746	.60641	80.815	53.995	.85603	.53631	3.9834

#1	.02448	-.00471	.08054	.01290	.00104	13.767	.22308	.00131
#2	.02989	-.00440	.08144	.00490	.00335	13.832	.22256	.00141
#3	.02975	-.00417	.08065	.00247	.00205	13.997	.22485	.00138

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00030	42.751	.03366	.00280	.06867	39.125	3.4347	9.4003
Stddev	.00014	.269	.00034	.00008	.00054	.116	.0111	.0130
%RSD	45.969	.62819	1.0145	2.7708	.79297	.29746	.32286	.13853

#1	-.00016	42.471	.03397	.00281	.06907	39.011	3.4313	9.4023
#2	-.00043	43.006	.03329	.00272	.06889	39.243	3.4471	9.3864
#3	-.00030	42.778	.03372	.00288	.06805	39.122	3.4257	9.4122

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03240	.00170	9.8371	.02534	.15535	.69486	.00482	.05794
Stddev	.00061	.00020	.0447	.00039	.00019	.05789	.00027	.00687
%RSD	1.8688	12.026	.45401	1.5550	.12128	8.3309	5.6929	11.866

#1	.03296	.00193	9.8273	.02493	.15543	.62940	.00507	.05915
#2	.03175	.00154	9.7982	.02536	.15514	.73929	.00453	.05054
#3	.03248	.00163	9.8858	.02572	.15549	.71590	.00487	.06412

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 62.652	1.3741	-.02183	.15478	-.00182	1.612	.18304	<.00000
Stddev	.084	.0290	.00079	.00093	.00094	.001	.00108	.90047
%RSD	.13393	2.1066	3.6396	.60261	51.433	.0838	.59127	36.058

#1	62.641	1.3413	-.02274	.15484	-.00183	1.613	.18179	-3.4883
#2	62.575	1.3963	-.02150	.15568	-.00276	1.612	.18377	-2.2742
#3	62.742	1.3845	-.02126	.15382	-.00088	1.611	.18355	-1.7294

Sample Name: K4356-13 Acquired: 8/15/2019 16:40:05 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg 11.147
Stddev 2.406
%RSD 21.588

#1 8.7654
#2 13.577
#3 11.097

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2132.8	25235.	2392.1	25.652	2103.4
Stddev	4.9	55.	18.1	1.004	3.7
%RSD	.22743	.21934	.75784	3.9135	.17585

#1	2132.5	25273.	2403.5	26.787	2103.9
#2	2137.9	25172.	2371.2	24.880	2106.8
#3	2128.2	25261.	2401.5	25.289	2099.5

Sample Name: K4264-01 Acquired: 8/15/2019 16:48:52 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-3-C1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00047	-.00425	.00159	.00234	.00084	.03396	.10904
Stddev	.00513	.00024	.00018	.00077	.00161	.00533	.00104
%RSD	1097.8	5.6619	11.194	32.758	192.02	15.703	.95482

#1	-.00377	-.00408	.00177	.00311	-.00076	.03767	.10884
#2	.00544	-.00453	.00142	.00234	.00246	.02785	.10811
#3	-.00307	-.00415	.00156	.00157	.00081	.03635	.11016

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00019	26.032	-.00071	.00162	.00169	.02240
Stddev	.00012	.00004	.157	.00013	.00012	.00059	.00101
%RSD	526.09	19.630	.60488	18.107	7.3013	34.553	4.5021

#1	.00007	.00015	25.864	-.00060	.00174	.00197	.02350
#2	-.00015	.00020	26.177	-.00085	.00150	.00210	.02219
#3	.00002	.00022	26.054	-.00067	.00161	.00102	.02151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.51042	11.685	.00011	-.00077	268.87	-.00152	.02767
Stddev	.00042	.033	.00010	.00070	1.76	.00025	.00014
%RSD	.08255	.28176	96.719	90.370	.65282	16.499	.49231

#1	.51061	11.713	.00018	-.00100	268.10	-.00128	.02767
#2	.51071	11.695	-.00001	.00001	267.63	-.00149	.02781
#3	.50993	11.649	.00015	-.00132	270.88	-.00178	.02754

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53510	-.00073	-.01634	.18403	.45718	-.00159	.00146
Stddev	.02827	.00010	.01682	.00342	.00702	.00103	.00236
%RSD	5.2841	12.985	102.97	1.8578	1.5346	64.916	161.39

#1	.51711	-.00064	-.00414	.18793	.45859	-.00278	-.00042
#2	.56769	-.00083	-.00935	.18152	.46339	-.00104	.00410
#3	.52049	-.00073	-.03553	.18266	.44957	-.00095	.00070

Sample Name: K4264-01 Acquired: 8/15/2019 16:48:52 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: REACTOR-3-C1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00286	.0024	.04005	3.4877	F<.00000
Stddev	.00102	.0006	.00008	.0484	.68686
%RSD	35.637	26.55	.21169	1.3888	8.8422

#1	-.00212	.0017	.04001	3.5273	-7.7295
#2	-.00402	.0025	.03999	3.4337	-8.4732
#3	-.00243	.0030	.04014	3.5022	-7.1011

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.9	23342.	2289.2	25.958	1948.6
Stddev	4.5	80.	15.0	.230	2.5
%RSD	.22954	.34349	.65412	.88652	.12681

#1	1977.8	23269.	2278.5	26.162	1950.7
#2	1975.0	23428.	2282.8	26.004	1949.1
#3	1983.9	23330.	2306.3	25.709	1945.9

Sample Name: K4264-01DUP Acquired: 8/15/2019 16:53:18 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-3-C1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00375	-.00494	.00058	.00385	.00317	.03823	.10688
Stddev	.00233	.00154	.00034	.00281	.00259	.02010	.00107
%RSD	62.236	31.087	58.393	72.995	81.845	52.563	.99982

#1	-.00469	-.00341	.00096	.00498	.00082	.06143	.10570
#2	-.00546	-.00492	.00031	.00592	.00595	.02725	.10713
#3	-.00109	-.00648	.00047	.00065	.00273	.02602	.10779

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00017	26.011	.00008	.00156	.00226	.02013
Stddev	.00003	.00008	.029	.00045	.00007	.00015	.00017
%RSD	28.185	44.070	.11197	543.44	4.7312	6.5886	.83088

#1	-.00011	.00021	25.994	-.00033	.00149	.00209	.02007
#2	-.00010	.00009	25.996	.00002	.00164	.00230	.01999
#3	-.00006	.00023	26.045	.00056	.00156	.00238	.02032

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.50860	11.586	.00031	-.00052	265.90	-.00136	.02773
Stddev	.00244	.062	.00058	.00022	2.07	.00035	.00005
%RSD	.47905	.53104	188.79	42.665	.77666	25.886	.17013

#1	.50734	11.518	-.00035	-.00055	265.28	-.00171	.02771
#2	.50706	11.601	.00076	-.00029	264.22	-.00101	.02769
#3	.51141	11.638	.00052	-.00073	268.20	-.00135	.02778

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.60149	-.00053	-.01719	.17550	.46077	-.00232	-.00012
Stddev	.02960	.00019	.02655	.00468	.00530	.00057	.00302
%RSD	4.9211	35.609	154.46	2.6645	1.1498	24.722	2438.6

#1	.57671	-.00068	-.01735	.17068	.46362	-.00204	.00253
#2	.63427	-.00060	.00944	.17581	.46404	-.00297	-.00341
#3	.59350	-.00032	-.04366	.18002	.45466	-.00193	.00050

Sample Name: K4264-01DUP Acquired: 8/15/2019 16:53:18 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: REACTOR-3-C1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00151	.0009	.03970	2.8794	F<.00000
Stddev	.00117	.0008	.00024	.3656	1.3584
%RSD	77.371	89.66	.59658	12.699	27.778

#1	-.00114	.0000	.03985	3.2998	-3.5610
#2	-.00057	.0016	.03982	2.7033	-6.2760
#3	-.00283	.0012	.03943	2.6352	-4.8337

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.0	23489.	2277.5	25.005	1961.7
Stddev	4.3	75.	18.9	1.725	3.7
%RSD	.21793	.31850	.83197	6.8973	.18880

#1	1982.4	23415.	2259.5	24.223	1957.4
#2	1987.7	23565.	2275.9	23.810	1963.7
#3	1991.0	23488.	2297.2	26.982	1963.9

Sample Name: K4264-01LX5 Acquired: 8/15/2019 16:57:44 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00200	-.00060	-.00063	.00078	.00106	.00733	.02116
Stddev	.00186	.00185	.00094	.00459	.00087	.01622	.00013
%RSD	92.788	309.74	148.95	590.65	82.517	221.46	.59953

#1	-.00320	-.00040	-.00171	.00280	.00006	-.00546	.02106
#2	.00014	-.00254	.00004	-.00447	.00143	.00186	.02130
#3	-.00295	.00115	-.00023	.00400	.00169	.02558	.02112

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00007	5.2806	-.00058	.00029	-.00110	.00487
Stddev	.00012	.00005	.0320	.00025	.00028	.00081	.00078
%RSD	2200.7	76.255	.60594	42.782	95.514	73.830	16.021

#1	-.00005	.00013	5.2634	-.00079	.00030	-.00032	.00487
#2	.00013	.00004	5.2609	-.00031	.00001	-.00103	.00565
#3	-.00010	.00004	5.3175	-.00066	.00056	-.00194	.00409

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10679	2.3585	.00030	.00003	53.221	-.00027	.00543
Stddev	.00092	.0596	.00061	.00060	.168	.00049	.00010
%RSD	.86320	2.5264	203.92	2287.0	.31648	181.99	1.7760

#1	.10682	2.3120	.00099	.00015	53.410	.00019	.00542
#2	.10769	2.4256	-.00001	.00055	53.166	-.00079	.00553
#3	.10585	2.3378	-.00009	-.00062	53.087	-.00022	.00533

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10129	-.00051	-.03644	.04133	.09523	-.00273	.00009
Stddev	.09587	.00018	.01032	.00587	.00383	.00046	.00103
%RSD	94.650	35.946	28.330	14.198	4.0256	16.708	1146.6

#1	-.00926	-.00051	-.02803	.04625	.09686	-.00238	-.00055
#2	.16157	-.00070	-.03334	.04290	.09798	-.00324	-.00046
#3	.15157	-.00033	-.04797	.03484	.09085	-.00257	.00128

Sample Name: K4264-01LX5 Acquired: 8/15/2019 16:57:44 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: PBW Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00075	-.0012	.00805	<.00000	F<.00000
Stddev	.00114	.0015	.00010	.57879	.92460
%RSD	151.83	130.8	1.3019	332.94	62.017

#1	-.00076	-.0030	.00810	.37940	-.73193
#2	.00039	-.0003	.00811	-.77518	-1.2201
#3	-.00189	-.0002	.00792	-.12575	-2.5207

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.6	24027.	2281.5	26.582	2101.1
Stddev	15.3	108.	12.1	.851	17.1
%RSD	.74567	.44818	.53066	3.1997	.81342

#1	2028.6	23908.	2276.6	26.772	2081.4
#2	2050.0	24056.	2272.5	27.322	2109.6
#3	2058.2	24117.	2295.2	25.653	2112.2

Sample Name: K4264-01MS Acquired: 8/15/2019 17:02:10 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-3-C1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78643	1.8766	.95973	2.0040	.79729	2.0214	.32350
Stddev	.00536	.0074	.00377	.0022	.00619	.0176	.00365
%RSD	.68117	.39616	.39268	.11171	.77645	.87315	1.1271

#1	.78089	1.8756	.95980	2.0054	.79343	2.0029	.31960
#2	.78683	1.8697	.95592	2.0051	.79402	2.0232	.32683
#3	.79158	1.8845	.96346	2.0014	.80443	2.0380	.32406

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20117	.19327	29.266	.40936	.19812	.30537	3.1032
Stddev	.00088	.00030	.139	.00223	.00023	.00123	.0156
%RSD	.43522	.15478	.47484	.54542	.11793	.40436	.50152

#1	.20026	.19343	29.164	.40679	.19828	.30644	3.0916
#2	.20123	.19292	29.210	.41056	.19785	.30402	3.0972
#3	.20201	.19345	29.424	.41074	.19823	.30564	3.1209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74701	14.531	.48748	.07051	287.85	.31646	.22293
Stddev	.00236	.199	.00108	.00175	2.50	.00107	.00079
%RSD	.31568	1.3683	.22067	2.4761	.86986	.33953	.35626

#1	.74442	14.322	.48842	.07178	285.05	.31674	.22347
#2	.74760	14.553	.48631	.07123	288.62	.31527	.22202
#3	.74903	14.717	.48770	.06852	289.88	.31736	.22331

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.998	.39778	.26562	.17675	1.4321	.67062	.19817
Stddev	.113	.00125	.03228	.00070	.0021	.00052	.00226
%RSD	1.0248	.31492	12.153	.39674	.14627	.07706	1.1410

#1	10.880	.39865	.23987	.17598	1.4318	.67109	.19582
#2	11.009	.39635	.25517	.17694	1.4302	.67071	.20033
#3	11.105	.39835	.30184	.17734	1.4343	.67007	.19836

Sample Name: K4264-01MS Acquired: 8/15/2019 17:02:10 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-3-C1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.11018	6.003	.25252	4.3913	F<.00000
Stddev	.00140	.007	.00084	.1335	.84837
%RSD	1.2745	.1188	.33072	3.0394	73.898

#1	.11180	6.011	.25201	4.5197	-1.1568
#2	.10930	6.001	.25206	4.2533	-1.9920
#3	.10943	5.998	.25348	4.4009	-.29533

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.7	23241.	2220.4	24.712	1930.9
Stddev	5.2	63.	15.9	.140	5.0
%RSD	.26294	.27130	.71533	.56679	.25848

#1	1956.8	23314.	2205.9	24.575	1926.6
#2	1967.1	23213.	2237.3	24.855	1936.4
#3	1961.2	23198.	2218.0	24.705	1929.7

Sample Name: K4264-01MSD Acquired: 8/15/2019 17:06:17 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-3-C1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348	Cd2265
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.79224	1.8834	.96279	2.0155	.80387	2.0567	.32585	.20169	.19412
Stddev	.00630	.0011	.00085	.0056	.00542	.0217	.00274	.00014	.00031
%RSD	.79559	.06041	.08785	.27805	.67474	1.0569	.84006	.06940	.15806

#1	.79950	1.8824	.96279	2.0120	.80898	2.0477	.32442	.20174	.19435
#2	.78906	1.8846	.96194	2.0220	.80445	2.0409	.32413	.20153	.19423
#3	.78816	1.8832	.96364	2.0126	.79818	2.0815	.32901	.20180	.19377

Elem	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.639	.41334	.19893	.30611	3.1175	.74973	14.619	.48970	.07134
Stddev	1.235	.00194	.00034	.00156	.0164	.00127	.208	.00049	.00022
%RSD	4.1669	.46965	.17225	.51094	.52517	.16892	1.4205	.10042	.30514

#1	28.961	.41425	.19892	.30791	3.1238	.75077	14.381	.48975	.07129
#2	31.065	.41466	.19928	.30529	3.1297	.75010	14.767	.49017	.07116
#3	28.892	.41111	.19860	.30513	3.0989	.74832	14.707	.48919	.07159

Elem	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	288.56	.31690	.22309	11.076	.40017	.27286	.17425	1.4393	.67127
Stddev	.88	.00127	.00031	.097	.00208	.00395	.00497	.0662	.00517
%RSD	.30654	.40225	.13726	.87733	.52100	1.4480	2.8524	4.6024	.77013

#1	287.55	.31808	.22327	10.965	.40242	.27234	.17002	1.4137	.67274
#2	289.22	.31555	.22327	11.148	.39831	.26920	.17973	1.5146	.67554
#3	288.90	.31708	.22274	11.115	.39977	.27705	.17302	1.3897	.66552

Elem	Ti3361	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20408	.11205	6.053	.25612	4.1117	.05842
Stddev	.00469	.00498	.003	.01049	.2006	1.2655
%RSD	2.2957	4.4437	.0477	4.0937	4.8788	2166.2

#1	.20463	.10959	6.054	.25107	4.3333	1.0795
#2	.20846	.11778	6.050	.26818	4.0593	-1.3574
#3	.19914	.10878	6.055	.24912	3.9424	.45309

Sample Name: K4264-01MSD Acquired: 8/15/2019 17:06:17 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-3-C1 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.0	23231.	2204.5	25.513	1922.7
Stddev	11.1	97.	95.9	.318	7.6
%RSD	.56712	.41594	4.3517	1.2480	.39367
#1	1941.4	23161.	2229.0	25.210	1914.2
#2	1958.0	23192.	2098.7	25.485	1925.2
#3	1962.4	23341.	2285.8	25.845	1928.6

Sample Name: K4264-01A Acquired: 8/15/2019 17:10:24 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.78549	1.8844	.95750	2.0054	.79934	2.0379	.32478
Stddev	.00302	.0045	.00417	.0045	.00228	.0224	.00183
%RSD	.38497	.23819	.43589	.22174	.28508	1.0982	.56405

#1	.78874	1.8892	.96197	2.0007	.79883	2.0126	.32269
#2	.78497	1.8837	.95371	2.0095	.80183	2.0552	.32554
#3	.78276	1.8803	.95681	2.0059	.79735	2.0458	.32611

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.20105	.19318	28.980	.41185	.19823	.30300	3.1132
Stddev	.00056	.00022	.177	.00095	.00045	.00103	.0088
%RSD	.27880	.11516	.60974	.22990	.22476	.33871	.28348

#1	.20169	.19340	28.817	.41231	.19873	.30269	3.1119
#2	.20081	.19295	28.955	.41076	.19810	.30415	3.1051
#3	.20064	.19318	29.168	.41247	.19787	.30216	3.1226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.73753	14.592	.48756	.07128	288.07	.31677	.22159
Stddev	.00234	.118	.00195	.00070	1.37	.00182	.00021
%RSD	.31679	.80775	.40003	.97816	.47635	.57406	.09668

#1	.73652	14.494	.48904	.07097	286.51	.31818	.22163
#2	.73587	14.723	.48828	.07080	289.07	.31472	.22136
#3	.74020	14.559	.48535	.07208	288.63	.31741	.22178

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.986	.39633	.28813	.17745	1.3955	.66964	.19994
Stddev	.124	.00108	.01385	.00598	.0076	.00158	.00215
%RSD	1.1268	.27219	4.8067	3.3677	.54542	.23609	1.0775

#1	10.887	.39659	.30297	.18006	1.3980	.67117	.20218
#2	11.125	.39725	.28590	.18167	1.3869	.66802	.19789
#3	10.946	.39514	.27554	.17061	1.4015	.66973	.19974

Sample Name: K4264-01A Acquired: 8/15/2019 17:10:24 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: LCSW Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.10912	6.038	.25056	5.3959	F<.00000
Stddev	.00108	.013	.00078	.5112	2.2537
%RSD	.98562	.2219	.31301	9.4732	87.981
#1	.10842	6.046	.24983	5.6843	-.06302
#2	.11036	6.022	.25045	5.6976	-3.1807
#3	.10859	6.045	.25139	4.8057	-4.4410
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.4	23345.	2258.4	25.439	1932.9
Stddev	5.1	12.	4.8	.489	5.2
%RSD	.25707	.05286	.21458	1.9203	.26924
#1	1964.7	23356.	2252.9	25.509	1927.0
#2	1964.4	23346.	2262.0	25.890	1935.1
#3	1973.3	23332.	2260.4	24.920	1936.7

Sample Name: CCV05 Acquired: 8/15/2019 17:14:32 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9874	5.0392	4.9851	5.0984	5.0405	9.8549	10.092	.25574
Stddev	.0164	.0023	.0078	.0145	.0147	.0499	.065	.00063
%RSD	.32986	.04547	.15744	.28484	.29070	.50595	.64048	.24743
#1	5.0029	5.0406	4.9941	5.1107	5.0558	9.8040	10.024	.25550
#2	4.9892	5.0366	4.9817	5.0824	5.0266	9.8569	10.153	.25646
#3	4.9701	5.0405	4.9795	5.1021	5.0390	9.9037	10.098	.25526
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4934	25.458	1.0191	2.4767	1.2557	5.1444	2.5125	24.890
Stddev	.0028	.115	.0014	.0024	.0027	.0086	.0059	.337
%RSD	.11347	.45271	.13207	.09776	.21871	.16810	.23491	1.3530
#1	2.4961	25.325	1.0187	2.4792	1.2588	5.1348	2.5067	24.556
#2	2.4936	25.529	1.0180	2.4743	1.2540	5.1515	2.5185	25.229
#3	2.4904	25.520	1.0206	2.4765	1.2542	5.1471	2.5122	24.885
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4908	1.2659	25.143	2.5385	2.4588	24.695	4.9840	4.9210
Stddev	.0022	.0037	.160	.0058	.0066	.131	.0141	.0700
%RSD	.08960	.29114	.63755	.22689	.26753	.52928	.28318	1.4219
#1	2.4928	1.2651	25.034	2.5328	2.4662	24.554	4.9976	4.8414
#2	2.4913	1.2627	25.327	2.5385	2.4565	24.719	4.9695	4.9727
#3	2.4884	1.2699	25.067	2.5443	2.4537	24.811	4.9849	4.9490
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0024	5.1510	4.9118	5.0187	F 3.8736	4.987	5.1281	F 2.6660
Stddev	.0056	.0248	.0169	.0372	.0361	.016	.0351	.4473
%RSD	.11252	.48166	.34394	.74161	.93270	.3151	.68362	16.779
#1	5.0056	5.1321	4.9266	4.9760	3.8419	4.979	5.0887	2.8724
#2	5.0058	5.1419	4.9154	5.0447	3.8660	5.005	5.1400	2.9729
#3	4.9959	5.1791	4.8934	5.0352	3.9129	4.976	5.1557	2.1527

Sample Name: CCV05 Acquired: 8/15/2019 17:14:32 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 2.9174
Stddev 1.3160
%RSD 45.107

#1 3.1193
#2 1.5122
#3 4.1208

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.2	23862.	2262.1	24.427	1951.7
Stddev	5.1	34.	5.2	1.140	2.9
%RSD	.25251	.14386	.23079	4.6660	.14681

#1	2012.7	23886.	2264.7	25.095	1951.6
#2	2021.0	23822.	2265.5	25.075	1954.6
#3	2011.7	23876.	2256.1	23.111	1948.9

Sample Name: CCB05 Acquired: 8/15/2019 17:18:31 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .00524	-.00075	-.00035	.00091	.00080	.00219	.00106
Stddev	.00284	.00104	.00050	.00221	.00093	.01833	.00019
%RSD	54.085	140.13	141.65	243.91	117.11	838.12	17.467

#1	.00543	-.00194	.00013	.00345	.00032	.00664	.00128
#2	.00798	-.00028	-.00032	-.00014	.00020	-.01796	.00094
#3	.00232	-.00001	-.00086	-.00058	.00187	.01789	.00098

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00007	.00010	-.01162	.00029	-.00017	-.00110	.00113
Stddev	.00009	.00004	.00623	.00068	.00009	.00043	.00115
%RSD	126.83	42.820	53.595	235.68	50.547	39.305	101.95

#1	-.00016	.00015	-.01110	.00082	-.00011	-.00093	.00120
#2	-.00006	.00007	-.00567	.00052	-.00027	-.00159	.00225
#3	.00002	.00008	-.01809	-.00048	-.00014	-.00077	-.00005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00140	.00052	-.00028	-.12226	.00005	-.00027
Stddev	.00008	.02693	.00049	.00058	.01346	.00087	.00010
%RSD	95.153	1923.7	93.497	205.45	11.010	1886.8	36.413

#1	.00000	-.01907	.00056	-.00010	-.12697	-.00076	-.00017
#2	.00016	-.00864	.00099	.00019	-.13272	.00097	-.00028
#3	.00009	.03190	.00002	-.00092	-.10707	-.00007	-.00036

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.03801	.00085	-.03379	.00277	.00215	-.00142	.00089
Stddev	.01897	.00061	.01306	.00224	.00385	.00088	.00183
%RSD	49.915	71.277	38.645	80.915	178.93	62.092	206.60

#1	-.05471	.00145	-.02292	.00500	.00356	-.00170	.00052
#2	-.01738	.00086	-.04827	.00282	.00510	-.00212	-.00073
#3	-.04193	.00024	-.03018	.00051	-.00221	-.00043	.00287

Sample Name: CCB05 Acquired: 8/15/2019 17:18:31 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00164	.0005	.00002	F<.00000	F<.00000
Stddev	.00104	.0010	.00022	.76208	.73360
%RSD	63.530	206.4	942.72	67.565	162.23
#1	-.00285	.0007	.00007	-.63234	.24298
#2	-.00101	.0014	.00021	-2.0055	-1.2190
#3	-.00107	-.0006	-.00021	-.74599	-.38060
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.7	24134.	2265.5	26.172	2177.2
Stddev	6.6	58.	5.0	.775	4.6
%RSD	.31852	.24219	.22268	2.9607	.20900
#1	2061.9	24184.	2263.4	27.060	2172.0
#2	2066.2	24149.	2261.9	25.820	2179.4
#3	2074.9	24070.	2271.3	25.635	2180.3

Sample Name: K4330-07 Acquired: 8/15/2019 17:23:00 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 0632-COMP-C Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10174	-.00936	.35514	.01277	.00890	141.13	.41068	.00818
Stddev	.00360	.00201	.00100	.00215	.00098	.38	.00105	.00019
%RSD	3.5353	21.508	.28185	16.846	11.040	.26683	.25608	2.3763
#1	.09770	-.00744	.35399	.01177	.00997	141.00	.40987	.00803
#2	.10289	-.00918	.35579	.01524	.00869	140.84	.41031	.00810
#3	.10461	-.01145	.35565	.01130	.00804	141.56	.41187	.00840
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00722	51.433	.47884	.09743	.57757	237.66	2.5208	85.760
Stddev	.00015	.145	.00253	.00077	.00098	.68	.0053	.666
%RSD	2.1439	.28126	.52778	.78655	.16949	.28441	.21111	.77645
#1	.00706	51.267	.47607	.09811	.57824	238.44	2.5222	85.163
#2	.00725	51.527	.47941	.09660	.57644	237.29	2.5149	85.639
#3	.00737	51.506	.48103	.09758	.57802	237.25	2.5253	86.478
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25940	.00542	153.47	.47401	1.3413	40.652	.01358	.24688
Stddev	.00109	.00048	.54	.00166	.0034	.124	.00041	.00588
%RSD	.41977	8.9460	.35242	.35125	.25088	.30408	2.9927	2.3808
#1	.25828	.00529	152.94	.47232	1.3428	40.782	.01395	.25364
#2	.25946	.00595	153.44	.47565	1.3436	40.537	.01363	.24400
#3	.26045	.00501	154.02	.47405	1.3374	40.637	.01315	.24299
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 173.14	3.1975	-.02533	5.6741	.13630	8.683	.13454	<.00000
Stddev	.23	.0279	.00118	.0324	.00078	.003	.00270	.28723
%RSD	.13410	.87375	4.6614	.57051	.57014	.0334	2.0046	1.6862
#1	173.12	3.2105	-.02637	5.6409	.13573	8.685	.13153	-16.893
#2	173.38	3.2166	-.02557	5.7055	.13718	8.680	.13675	-16.845
#3	172.92	3.1655	-.02405	5.6760	.13598	8.684	.13533	-17.365

Sample Name: K4330-07 Acquired: 8/15/2019 17:23:00 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 0632-COMP-C Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F 104.41
 Stddev 3.81
 %RSD 3.6506

#1 108.79
 #2 101.86
 #3 102.59

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.5	27768.	2718.4	25.446	1824.9
Stddev	2.8	60.	6.9	.137	4.0
%RSD	.11883	.21556	.25423	.53885	.22161

#1	2369.4	27736.	2717.7	25.404	1825.8
#2	2363.8	27837.	2711.9	25.599	1820.5
#3	2366.5	27732.	2725.7	25.334	1828.4

Sample Name: K4330-08 Acquired: 8/15/2019 17:27:27 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 0633-COMP-D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09348	-.00956	.32806	.01339	.00643	130.02	.37832	.00752
Stddev	.00244	.00467	.00171	.00459	.00275	.50	.00164	.00011
%RSD	2.6123	48.802	.52191	34.271	42.772	.38346	.43408	1.4394
#1	.09439	-.00900	.33003	.01467	.00401	130.49	.38010	.00739
#2	.09534	-.01449	.32694	.01720	.00942	129.50	.37687	.00755
#3	.09072	-.00521	.32722	.00830	.00586	130.08	.37799	.00760
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00531	41.646	.44872	.09232	.45765	226.02	2.3042	72.549
Stddev	.00027	.073	.00256	.00027	.00055	.78	.0079	.242
%RSD	5.0872	.17581	.57057	.29632	.12062	.34574	.34154	.33292
#1	.00502	41.668	.45142	.09205	.45713	226.84	2.3133	72.726
#2	.00536	41.565	.44632	.09260	.45823	225.93	2.2992	72.274
#3	.00555	41.707	.44840	.09231	.45758	225.28	2.3002	72.647
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25062	.00575	100.87	.44290	1.1449	35.941	.01990	.20227
Stddev	.00065	.00057	.55	.00046	.0008	.204	.00060	.01083
%RSD	.25890	9.8334	.54959	.10276	.07185	.56637	2.9961	5.3518
#1	.25126	.00581	101.47	.44273	1.1458	36.163	.01944	.21028
#2	.24996	.00515	100.38	.44255	1.1444	35.764	.02058	.20659
#3	.25064	.00628	100.75	.44341	1.1444	35.894	.01970	.18995
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 174.38	2.8559	-.03166	5.4784	.13166	7.461	.07263	<.00000
Stddev	.16	.0342	.00150	.0216	.00083	.017	.00158	.09266
%RSD	.08917	1.1977	4.7292	.39449	.63127	.2300	2.1821	.53736
#1	174.41	2.8888	-.03112	5.4585	.13074	7.475	.07091	-17.253
#2	174.21	2.8582	-.03051	5.5014	.13235	7.442	.07402	-17.332
#3	174.51	2.8205	-.03336	5.4754	.13189	7.466	.07297	-17.147

Sample Name: K4330-08 Acquired: 8/15/2019 17:27:27 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 0633-COMP-D Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 102.92
Stddev 1.93
%RSD 1.8788

#1 103.26
#2 104.66
#3 100.84

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2396.4	28242.	2721.6	24.879	1879.5
Stddev	4.3	176.	2.0	.889	3.5
%RSD	.17981	.62186	.07503	3.5748	.18548

#1	2391.4	28054.	2721.3	25.644	1875.8
#2	2399.0	28401.	2723.7	23.903	1882.7
#3	2398.8	28272.	2719.7	25.090	1879.9

Sample Name: K4331-05 Acquired: 8/15/2019 17:31:55 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 0625-COMP-B Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06484	-.00627	.22107	.01584	.00748	109.73	.30604	.00618
Stddev	.00434	.00234	.00064	.00310	.00169	.19	.00247	.00006
%RSD	6.6926	37.338	.28876	19.573	22.527	.17070	.80614	.92483
#1	.06836	-.00543	.22120	.01935	.00707	109.86	.30371	.00612
#2	.05999	-.00892	.22163	.01469	.00604	109.80	.30862	.00624
#3	.06617	-.00447	.22037	.01348	.00933	109.51	.30580	.00618
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00326	40.187	.36437	.07764	.36777	195.18	1.8574	66.905
Stddev	.00021	.108	.00212	.00027	.00173	.81	.0051	.398
%RSD	6.3997	.26970	.58247	.35250	.47104	.41724	.27525	.59432
#1	.00304	40.064	.36199	.07779	.36686	195.54	1.8530	67.109
#2	.00329	40.231	.36506	.07781	.36977	194.25	1.8630	67.158
#3	.00345	40.268	.36606	.07733	.36668	195.75	1.8562	66.446
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19810	.00623	112.74	.36454	.89120	31.643	.01484	.19008
Stddev	.00156	.00033	.31	.00200	.00281	.255	.00019	.01977
%RSD	.78568	5.2269	.27570	.54873	.31519	.80492	1.2948	10.399
#1	.19717	.00660	112.84	.36446	.88797	31.880	.01464	.20095
#2	.19990	.00597	112.99	.36258	.89299	31.674	.01486	.16727
#3	.19724	.00612	112.39	.36658	.89266	31.374	.01502	.20203
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 135.35	2.8683	-.02404	4.4822	.11085	6.750	.08910	<.00000
Stddev	.42	.0584	.00078	.0127	.00165	.018	.00173	.75488
%RSD	.31212	2.0356	3.2591	.28401	1.4853	.2698	1.9415	5.0674
#1	134.89	2.8291	-.02379	4.4712	.10954	6.736	.08788	-14.123
#2	135.72	2.8405	-.02341	4.4962	.11270	6.771	.09108	-14.936
#3	135.44	2.9354	-.02492	4.4793	.11030	6.743	.08833	-15.631

Sample Name: K4331-05 Acquired: 8/15/2019 17:31:55 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 0625-COMP-B Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	81.314
Stddev	1.058
%RSD	1.3010

#1	81.576
#2	82.216
#3	80.149

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.2	27730.	2711.6	24.595	1909.6
Stddev	4.9	54.	5.5	1.023	6.9
%RSD	.20793	.19558	.20207	4.1587	.36190

#1	2376.3	27688.	2710.1	23.420	1917.2
#2	2366.4	27711.	2717.7	25.075	1903.8
#3	2371.0	27791.	2707.1	25.289	1907.6

Sample Name: K4332-05 Acquired: 8/15/2019 17:36:22 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 0619-COMP-A Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.09651	-.00798	.28156	.01292	.00715	115.39	.33946	.00669
Stddev	.00542	.00119	.00222	.00423	.00155	.18	.00108	.00020
%RSD	5.6122	14.966	.78819	32.704	21.626	.15300	.31708	3.0382
#1	.09051	-.00756	.28119	.01761	.00891	115.43	.33897	.00645
#2	.09799	-.00706	.27955	.01176	.00659	115.55	.34069	.00681
#3	.10103	-.00933	.28394	.00940	.00597	115.20	.33871	.00680
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00377	35.172	.40100	.07962	.44149	208.07	2.4947	70.150
Stddev	.00006	.198	.00348	.00024	.00113	.87	.0036	.144
%RSD	1.6408	.56363	.86856	.30570	.25563	.41943	.14258	.20566
#1	.00371	35.329	.39964	.07941	.44021	208.11	2.4923	69.993
#2	.00379	34.949	.40496	.07989	.44195	208.93	2.4930	70.277
#3	.00383	35.238	.39840	.07957	.44233	207.18	2.4987	70.178
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.21231	.00650	127.69	.42919	.99750	34.922	.02164	.25879
Stddev	.00038	.00014	.35	.00263	.00671	.148	.00016	.02346
%RSD	.17735	2.1118	.27369	.61242	.67258	.42345	.75198	9.0669
#1	.21196	.00664	127.57	.42708	.99842	34.989	.02164	.26338
#2	.21227	.00647	128.09	.43213	.99038	35.024	.02147	.23337
#3	.21271	.00637	127.42	.42835	1.0037	34.752	.02180	.27961
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 179.93	2.9519	-.03584	4.8990	.11841	6.593	.10090	<.00000
Stddev	.92	.0206	.00067	.0010	.00054	.006	.00114	.57730
%RSD	.51392	.69797	1.8555	.02080	.45784	.0933	1.1298	3.7817
#1	180.01	2.9732	-.03594	4.8999	.11903	6.587	.10202	-14.749
#2	178.97	2.9321	-.03513	4.8993	.11801	6.594	.09974	-15.158
#3	180.82	2.9503	-.03645	4.8979	.11820	6.600	.10095	-15.889

Sample Name: K4332-05 Acquired: 8/15/2019 17:36:22 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 0619-COMP-A Custom ID2: Custom ID3:
 Comment:

Elem	U_3859
Units	ppm
Avg	85.276
Stddev	1.012
%RSD	1.1867

#1	84.882
#2	86.426
#3	84.521

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.3	27667.	2703.5	25.227	1898.0
Stddev	12.9	57.	20.5	1.238	10.6
%RSD	.54630	.20751	.75859	4.9079	.55809

#1	2365.0	27614.	2681.5	23.983	1897.2
#2	2385.1	27659.	2722.2	26.459	1909.0
#3	2361.0	27728.	2706.7	25.240	1887.8

Sample Name: K4264-06 Acquired: 8/15/2019 17:40:49 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-3-C1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00152	-.00236	.00098	.00126	-.00103	.03719	.09189
Stddev	.00256	.00076	.00134	.00197	.00131	.00285	.00092
%RSD	168.02	32.052	137.51	157.14	127.09	7.6623	1.0038

#1	-.00135	-.00198	.00213	.00279	-.00049	.03701	.09098
#2	-.00416	-.00188	.00130	-.00097	-.00008	.04012	.09282
#3	.00094	-.00324	-.00050	.00195	-.00253	.03443	.09186

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00028	30.453	-.00012	.00200	.00045	.01722
Stddev	.00007	.00005	.082	.00020	.00017	.00058	.00164
%RSD	13355.	18.780	.26779	175.96	8.3122	127.59	9.5443

#1	-.00004	.00024	30.382	-.00003	.00215	.00104	.01680
#2	.00008	.00026	30.542	-.00035	.00202	.00043	.01904
#3	-.00004	.00034	30.435	.00003	.00182	-.00011	.01583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.32583	14.035	.00009	.00003	235.08	-.00119	.02785
Stddev	.00154	.107	.00024	.00009	1.70	.00033	.00010
%RSD	.47241	.76340	277.26	325.53	.72526	27.751	.34451

#1	.32436	14.081	.00010	.00008	233.89	-.00095	.02790
#2	.32743	13.912	.00032	-.00008	234.31	-.00157	.02791
#3	.32569	14.111	-.00016	.00008	237.03	-.00107	.02774

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.68759	-.00056	-.02723	.17767	.26048	-.00159	-.00021
Stddev	.03953	.00049	.02534	.00514	.00246	.00068	.00190
%RSD	5.7496	86.855	93.040	2.8944	.94276	43.095	911.13

#1	.73088	-.00109	-.04592	.18242	.26303	-.00214	-.00137
#2	.67847	-.00049	.00161	.17221	.26028	-.00082	.00198
#3	.65341	-.00012	-.03739	.17837	.25813	-.00179	-.00124

Sample Name: K4264-06 Acquired: 8/15/2019 17:40:49 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: REACTOR-3-C1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00032	.0048	.03883	1.6516	F<.00000
Stddev	.00067	.0001	.00008	.6530	.46082
%RSD	209.77	2.912	.21807	39.540	8.6647

#1	-.00029	.0049	.03880	2.0171	-5.5496
#2	.00034	.0047	.03893	.89764	-4.7877
#3	-.00101	.0050	.03876	2.0400	-5.6178

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.7	23380.	2271.8	25.696	1975.3
Stddev	2.2	79.	10.1	.931	4.8
%RSD	.11002	.33600	.44583	3.6251	.24089

#1	1997.8	23294.	2260.6	25.519	1973.8
#2	1999.2	23395.	2274.4	24.866	1971.4
#3	2002.1	23449.	2280.3	26.703	1980.6

Sample Name: K4264-11 Acquired: 8/15/2019 17:45:16 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-3-G1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00317	-.00406	.00172	-.00155	.00095	.06378	.13993
Stddev	.00022	.00016	.00099	.00453	.00161	.00938	.00116
%RSD	6.8951	4.0194	57.422	292.68	170.40	14.708	.82762

#1	-.00324	-.00398	.00208	.00357	.00031	.05555	.13925
#2	-.00292	-.00396	.00060	-.00504	-.00025	.06179	.14126
#3	-.00334	-.00425	.00248	-.00317	.00278	.07399	.13926

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00077	30.153	-.00009	.00295	.00286	.05240
Stddev	.00007	.00018	.106	.00047	.00004	.00028	.00074
%RSD	648.03	22.982	.35303	513.91	1.4454	9.8493	1.4108

#1	-.00009	.00081	30.213	-.00064	.00290	.00317	.05314
#2	-.00000	.00093	30.031	.00022	.00298	.00263	.05239
#3	.00006	.00058	30.217	.00014	.00297	.00277	.05166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49582	14.805	.00176	-.00042	255.50	-.00142	.05088
Stddev	.00163	.196	.00005	.00016	1.33	.00033	.00033
%RSD	.32848	1.3250	2.5669	38.011	.52134	23.030	.63935

#1	.49405	14.625	.00181	-.00061	254.08	-.00105	.05077
#2	.49616	14.777	.00172	-.00036	256.72	-.00157	.05062
#3	.49725	15.014	.00175	-.00031	255.70	-.00165	.05124

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99077	-.00067	-.00834	.19129	.30144	-.00179	.00278
Stddev	.02270	.00027	.01356	.00586	.00667	.00017	.00079
%RSD	2.2906	40.385	162.63	3.0644	2.2138	9.4496	28.416

#1	1.0157	-.00038	-.01592	.19179	.30904	-.00192	.00287
#2	.97140	-.00071	.00732	.18520	.29652	-.00184	.00195
#3	.98517	-.00091	-.01642	.19689	.29877	-.00160	.00352

Sample Name: K4264-11 Acquired: 8/15/2019 17:45:16 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: REACTOR-3-G1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00049	.0033	.03636	.44329	F<.00000
Stddev	.00115	.0005	.00004	.24935	2.3382
%RSD	235.29	15.67	.10884	56.250	49.700

#1	-.00071	.0035	.03640	.61635	-6.3091
#2	.00157	.0037	.03632	.55605	-2.0218
#3	.00060	.0027	.03637	.15748	-5.7828

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.7	23643.	2283.8	26.296	1972.5
Stddev	9.3	76.	29.2	1.588	9.1
%RSD	.46502	.32336	1.2795	6.0401	.45883

#1	1986.4	23601.	2250.5	24.507	1962.2
#2	1999.2	23597.	2295.8	26.841	1975.9
#3	2004.4	23731.	2305.1	27.540	1979.2

Sample Name: K4264-16 Acquired: 8/15/2019 17:49:43 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-3-G1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00077	-.00357	.00072	.00220	.00105	.05713	.13505
Stddev	.00160	.00052	.00012	.00486	.00112	.01172	.00134
%RSD	209.67	14.619	16.807	221.50	106.12	20.510	.99172

#1	-.00108	-.00302	.00083	-.00240	-.00016	.05959	.13369
#2	.00097	-.00406	.00059	.00170	.00127	.04437	.13509
#3	-.00219	-.00363	.00073	.00729	.00205	.06742	.13637

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00165	43.419	.00021	.00261	.00402	.03331
Stddev	.00010	.00002	.173	.00036	.00013	.00045	.00068
%RSD	281.48	1.2963	.39782	172.40	4.9118	11.297	2.0308

#1	-.00008	.00166	43.228	-.00019	.00275	.00385	.03253
#2	.00009	.00162	43.464	.00033	.00250	.00454	.03370
#3	.00009	.00166	43.565	.00049	.00259	.00368	.03370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.30641	21.747	.00262	-.00085	260.48	-.00083	.08122
Stddev	.00112	.106	.00019	.00031	.16	.00072	.00017
%RSD	.36613	.48904	7.4346	36.777	.05986	86.849	.21153

#1	.30660	21.631	.00252	-.00087	260.52	-.00096	.08138
#2	.30521	21.769	.00285	-.00053	260.61	-.00147	.08125
#3	.30743	21.840	.00250	-.00116	260.30	-.00005	.08104

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.70087	-.00041	-.00942	.23823	.26301	-.00257	-.00062
Stddev	.03865	.00029	.01120	.00346	.00508	.00107	.00060
%RSD	5.5149	69.805	118.86	1.4531	1.9300	41.685	97.809

#1	.73231	-.00027	-.01322	.24021	.26513	-.00262	-.00129
#2	.71259	-.00075	.00318	.24024	.25722	-.00362	-.00013
#3	.65772	-.00022	-.01822	.23423	.26669	-.00148	-.00043

Sample Name: K4264-16 Acquired: 8/15/2019 17:49:43 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: REACTOR-3-G1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00139	.0027	.04784	1.4580	F<.00000
Stddev	.00045	.0009	.00046	1.2878	1.6800
%RSD	32.586	32.64	.96506	88.328	40.983

#1	.00191	.0020	.04731	.90782	-2.7248
#2	.00119	.0025	.04804	2.9295	-3.6009
#3	.00107	.0037	.04816	.53663	-5.9720

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.4	23463.	2269.2	25.261	1958.4
Stddev	5.9	139.	9.1	.544	3.1
%RSD	.29489	.59275	.40106	2.1528	.15975

#1	1982.3	23308.	2259.3	24.681	1956.1
#2	1981.8	23506.	2277.2	25.344	1957.1
#3	1992.2	23576.	2271.0	25.759	1962.0

Sample Name: K4265-01 Acquired: 8/15/2019 17:54:07 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-4-C- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00070	-.00294	.00094	.00340	.00004	.05413	.13738
Stddev	.00342	.00054	.00186	.00212	.00118	.00703	.00170
%RSD	489.61	18.345	197.99	62.347	2920.1	12.992	1.2409

#1	-.00441	-.00234	.00146	.00585	.00109	.04850	.13569
#2	-.00003	-.00339	.00248	.00224	-.00124	.05189	.13735
#3	.00234	-.00310	-.00112	.00212	.00027	.06202	.13910

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00028	31.652	.00012	.00164	.00159	.01005
Stddev	.00006	.00006	.242	.00050	.00052	.00042	.00086
%RSD	300.83	21.100	.76492	404.21	31.891	26.359	8.5345

#1	.00009	.00023	31.489	-.00006	.00210	.00111	.00920
#2	.00000	.00027	31.537	-.00026	.00107	.00190	.01002
#3	-.00003	.00035	31.931	.00069	.00176	.00176	.01091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.17922	16.710	.00066	-.00067	286.68	.00000	.03249
Stddev	.00196	.255	.00007	.00062	3.53	.00043	.00006
%RSD	1.0918	1.5278	11.118	92.306	1.2308	21748.	.19143

#1	.17847	16.431	.00059	-.00091	283.57	-.00036	.03252
#2	.18144	16.768	.00073	.00003	285.95	.00048	.03254
#3	.17774	16.931	.00065	-.00113	290.51	-.00011	.03242

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0917	-.00011	-.00930	.13368	.27290	-.00139	.00004
Stddev	.0595	.00015	.02564	.00477	.00535	.00074	.00204
%RSD	5.4528	137.62	275.55	3.5704	1.9608	53.529	5518.6

#1	1.1071	-.00024	-.03719	.13544	.27766	-.00223	.00074
#2	1.1420	-.00013	-.00397	.12827	.27395	-.00109	-.00226
#3	1.0260	.00005	.01325	.13731	.26711	-.00084	.00163

Sample Name: K4265-01 Acquired: 8/15/2019 17:54:07 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: REACTOR-4-C- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00175	.0029	.02970	1.5157	F<.00000
Stddev	.00146	.0030	.00009	.7644	1.2336
%RSD	83.140	102.9	.30257	50.432	18.973

#1	.00008	.0054	.02967	1.0192	-5.9432
#2	.00273	-.0004	.02963	1.1319	-5.6466
#3	.00246	.0037	.02980	2.3959	-7.9161

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.2	23196.	2276.9	24.628	1955.1
Stddev	15.5	30.	13.8	.759	13.6
%RSD	.78134	.12973	.60461	3.0807	.69485

#1	1974.2	23224.	2261.0	25.189	1950.0
#2	1978.5	23199.	2285.6	24.930	1944.8
#3	2003.0	23164.	2284.0	23.765	1970.5

Sample Name: K4265-04 Acquired: 8/15/2019 17:58:34 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: REACTOR-4-B- Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00287	-.00426	-.00001	.00231	-.00021	.06435	.10801
Stddev	.00269	.00058	.00084	.00236	.00087	.00830	.00069
%RSD	93.473	13.600	7519.9	102.29	420.63	12.894	.64015

#1	.00013	-.00360	.00064	.00398	-.00098	.05565	.10801
#2	-.00504	-.00464	-.00096	.00335	.00074	.07217	.10732
#3	-.00372	-.00456	.00028	-.00039	-.00038	.06523	.10870

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00016	25.763	.00032	.00172	.00211	.01416
Stddev	.00011	.00010	.057	.00050	.00024	.00071	.00069
%RSD	185.34	64.461	.21977	156.51	13.766	33.677	4.8579

#1	.00007	.00027	25.741	.00051	.00147	.00290	.01385
#2	-.00012	.00009	25.721	.00069	.00175	.00151	.01495
#3	-.00013	.00010	25.828	-.00025	.00194	.00194	.01369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.19054	13.371	.00047	-.00042	258.28	-.00086	.02585
Stddev	.00117	.043	.00092	.00066	.78	.00015	.00011
%RSD	.61164	.31871	194.07	155.86	.30360	17.598	.41990

#1	.18990	13.420	.00153	-.00116	258.71	-.00095	.02577
#2	.18983	13.340	-.00020	.00009	257.37	-.00069	.02597
#3	.19189	13.353	.00009	-.00019	258.75	-.00095	.02581

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0010	-.00052	-.00439	.12299	.23919	-.00201	-.00068
Stddev	.0276	.00018	.01023	.00171	.00201	.00080	.00157
%RSD	2.7548	33.595	233.32	1.3919	.83984	39.785	231.13

#1	1.0326	-.00053	.00743	.12108	.24148	-.00162	.00110
#2	.98218	-.00034	-.01001	.12440	.23770	-.00148	-.00185
#3	.98807	-.00069	-.01058	.12349	.23841	-.00293	-.00129

Sample Name: K4265-04 Acquired: 8/15/2019 17:58:34 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: REACTOR-4-B- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00016	.0025	.02095	.39805	F<.00000
Stddev	.00060	.0009	.00010	.82506	1.0146
%RSD	387.18	35.77	.45517	207.27	20.817

#1	-.00010	.0016	.02099	.95684	-5.6793
#2	.00084	.0024	.02084	.78689	-5.2080
#3	-.00027	.0034	.02101	-.54958	-3.7344

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.9	23584.	2272.9	24.774	1983.0
Stddev	.8	64.	4.7	1.051	3.4
%RSD	.04113	.27182	.20843	4.2403	.17020

#1	2009.0	23512.	2268.6	25.558	1980.8
#2	2010.4	23636.	2278.0	23.581	1986.9
#3	2010.4	23602.	2272.2	25.185	1981.5

Sample Name: K4265-07 Acquired: 8/15/2019 18:03:01 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-4-A1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00168	-.00350	.00020	.00094	.00139	.06730	.11055
Stddev	.00147	.00084	.00066	.00390	.00184	.01405	.00071
%RSD	87.857	23.899	326.80	413.42	132.63	20.878	.63936

#1	-.00319	-.00425	-.00045	.00197	.00241	.05763	.10980
#2	-.00024	-.00260	.00019	.00423	.00250	.06086	.11064
#3	-.00161	-.00366	.00087	-.00336	-.00074	.08342	.11121

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00008	10.650	.00072	.00043	.00229	.00834
Stddev	.00008	.00011	.031	.00022	.00024	.00046	.00095
%RSD	168.84	140.73	.29530	30.469	55.263	20.174	11.375

#1	.00010	-.00003	10.615	.00096	.00058	.00282	.00734
#2	-.00004	.00018	10.659	.00066	.00055	.00195	.00923
#3	.00008	.00008	10.676	.00053	.00016	.00211	.00844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13376	4.4408	.00082	-.00020	257.91	-.00055	.02921
Stddev	.00149	.0333	.00022	.00004	1.02	.00054	.00002
%RSD	1.1151	.74951	26.276	19.497	.39574	99.033	.07199

#1	.13485	4.4060	.00067	-.00020	256.80	-.00071	.02919
#2	.13436	4.4723	.00072	-.00016	258.11	-.00100	.02921
#3	.13206	4.4440	.00107	-.00024	258.81	.00006	.02923

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0654	-.00026	-.03902	.11570	.31534	-.00110	.00165
Stddev	.0659	.00009	.01142	.00176	.00406	.00062	.00286
%RSD	6.1858	35.521	29.268	1.5186	1.2875	56.748	173.40

#1	.99892	-.00028	-.02681	.11459	.32000	-.00083	.00487
#2	1.0667	-.00016	-.04944	.11773	.31339	-.00066	-.00062
#3	1.1307	-.00033	-.04079	.11479	.31262	-.00181	.00070

Sample Name: K4265-07 Acquired: 8/15/2019 18:03:01 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-4-A1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00098	.0059	.02179	.52020	F<.00000
Stddev	.00075	.0017	.00019	.42081	3.3472
%RSD	77.295	29.01	.87512	80.895	51.982
#1	-.00034	.0077	.02198	.43921	-2.5747
#2	-.00079	.0042	.02177	.14577	-8.3160
#3	-.00181	.0058	.02160	.97562	-8.4270
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2017.9	23768.	2311.0	25.558	2004.0
Stddev	8.8	112.	22.9	.383	8.2
%RSD	.43786	.47013	.98915	1.4987	.40942
#1	2019.9	23678.	2286.9	25.150	2004.3
#2	2008.2	23733.	2313.8	25.615	1995.6
#3	2025.6	23893.	2332.3	25.910	2012.0

Sample Name: CCV06 Acquired: 8/15/2019 18:07:28 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9475	4.9679	4.9399	5.0391	4.9799	9.8234	9.9735	.25363
Stddev	.0029	.0066	.0118	.0118	.0099	.0729	.0330	.00072
%RSD	.05762	.13332	.23985	.23385	.19880	.74229	.33039	.28575
#1	4.9507	4.9612	4.9322	5.0459	4.9853	9.7445	9.9364	.25427
#2	4.9454	4.9745	4.9535	5.0255	4.9685	9.8882	9.9847	.25377
#3	4.9463	4.9681	4.9338	5.0458	4.9860	9.8377	9.9993	.25284
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4626	25.122	1.0097	2.4497	1.2453	5.1218	2.4913	24.544
Stddev	.0030	.163	.0007	.0021	.0010	.0104	.0028	.206
%RSD	.12148	.64768	.07320	.08669	.08032	.20262	.11194	.84107
#1	2.4610	24.946	1.0095	2.4474	1.2445	5.1108	2.4881	24.353
#2	2.4661	25.267	1.0090	2.4516	1.2465	5.1230	2.4921	24.518
#3	2.4608	25.154	1.0105	2.4501	1.2450	5.1314	2.4935	24.763
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4573	1.2515	24.856	2.5100	2.4311	24.548	4.9434	4.8747
Stddev	.0064	.0014	.086	.0029	.0040	.061	.0013	.0245
%RSD	.26122	.10972	.34592	.11617	.16484	.24824	.02582	.50275
#1	2.4524	1.2500	24.812	2.5130	2.4279	24.479	4.9436	4.8826
#2	2.4646	1.2528	24.801	2.5072	2.4356	24.596	4.9421	4.8942
#3	2.4549	1.2516	24.955	2.5096	2.4299	24.568	4.9446	4.8472
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9428	5.0288	4.8611	4.9433	F 3.8298	4.888	5.0544	F 1.2623
Stddev	.0050	.0085	.0090	.0321	.0100	.006	.0159	.7850
%RSD	.10172	.16863	.18480	.65039	.26132	.1263	.31543	62.188
#1	4.9486	5.0337	4.8544	4.9069	3.8257	4.894	5.0412	2.0697
#2	4.9403	5.0190	4.8713	4.9678	3.8225	4.889	5.0500	.50189
#3	4.9396	5.0337	4.8576	4.9552	3.8412	4.882	5.0721	1.2152

Sample Name: CCV06 Acquired: 8/15/2019 18:07:28 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.4365
Stddev 1.7004
%RSD 118.37

#1 2.9907
#2 1.6985
#3 -.37961

Int. Std.	Y_2243	Y_3600	Y_3710	ln2306	ln2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.9	24180.	2299.7	24.943	1985.2
Stddev	2.6	52.	8.9	1.757	4.4
%RSD	.12913	.21709	.38656	7.0426	.22132

#1	2041.6	24207.	2299.8	23.166	1983.4
#2	2043.3	24214.	2308.5	26.678	1982.0
#3	2046.8	24120.	2290.7	24.985	1990.3

Sample Name: CCB06 Acquired: 8/15/2019 18:11:27 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00184	-.00046	-.00045	.00095	.00119	-.00197	.00160
Stddev	.00115	.00121	.00120	.00128	.00194	.00752	.00129
%RSD	62.486	260.61	268.62	135.39	163.66	381.42	80.530

#1	.00105	-.00097	-.00174	.00231	-.00012	-.00414	.00011
#2	.00315	-.00134	-.00022	.00078	.00026	.00639	.00235
#3	.00131	.00092	.00062	-.00024	.00342	-.00817	.00234

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00007	-.02173	.00008	-.00008	-.00138	.00234
Stddev	.00003	.00002	.03051	.00020	.00029	.00006	.00062
%RSD	54.645	32.502	140.42	246.80	350.48	4.5999	26.345

#1	-.00002	.00006	-.04020	-.00007	.00025	-.00131	.00165
#2	-.00007	.00010	.01349	.00001	-.00029	-.00144	.00254
#3	-.00008	.00006	-.03848	.00031	-.00021	-.00138	.00283

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.02272	.00063	-.00062	-.12790	-.00030	-.00019
Stddev	.00001	.03570	.00033	.00093	.00342	.00031	.00004
%RSD	99.930	157.11	52.138	149.44	2.6718	102.45	22.864

#1	.00001	.02667	.00072	-.00056	-.12430	-.00030	-.00015
#2	.00002	.05629	.00090	.00027	-.13110	.00001	-.00017
#3	-.00000	-.01479	.00026	-.00158	-.12830	-.00061	-.00023

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00279	.00103	-.02412	.00204	.00059	-.00220	-.00032
Stddev	.01869	.00053	.02399	.00246	.00085	.00044	.00089
%RSD	670.49	51.357	99.461	120.22	144.84	19.747	276.95

#1	-.02414	.00138	-.05155	.00080	-.00033	-.00262	-.00014
#2	.01058	.00130	-.01375	.00487	.00073	-.00225	-.00129
#3	.00520	.00042	-.00706	.00046	.00136	-.00175	.00047

Sample Name: CCB06 Acquired: 8/15/2019 18:11:27 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-0.00219	-0.0002	0.00004	F<0.00000	F 1.7592
Stddev	0.00119	0.0016	0.00014	0.26259	1.4451
%RSD	54.191	774.4	307.78	10.632	82.148

#1	-0.00352	0.0007	0.00020	-2.6110	0.61660
#2	-0.00125	-0.0020	-0.00006	-2.1667	1.2772
#3	-0.00180	0.0007	-0.00001	-2.6315	3.3837

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2093.5	24372.	2299.9	26.642	2209.2
Stddev	3.3	19.	13.5	1.590	5.7
%RSD	0.15573	0.07873	0.58803	5.9698	0.25582

#1	2089.8	24383.	2284.7	28.210	2202.9
#2	2096.0	24382.	2304.2	25.030	2213.9
#3	2094.8	24349.	2310.7	26.685	2210.7

Sample Name: K4265-12 Acquired: 8/15/2019 18:15:55 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: REACTOR-4-A1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00042	-.00389	.00012	.00006	-.00023	.08052	.09472
Stddev	.00276	.00087	.00056	.00164	.00104	.00887	.00219
%RSD	658.06	22.489	466.75	2815.7	442.14	11.021	2.3110

#1	.00342	-.00473	-.00046	.00193	.00023	.07219	.09386
#2	-.00015	-.00395	.00067	-.00061	-.00142	.08986	.09310
#3	-.00201	-.00298	.00015	-.00114	.00049	.07953	.09721

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00000	.00011	9.7075	.00075	.00002	.00097	.03358
Stddev	.00009	.00013	.1436	.00013	.00006	.00009	.00094
%RSD	17262.	118.73	1.4793	17.516	275.46	9.6368	2.8119

#1	-.00010	.00019	9.7049	.00090	-.00005	.00103	.03260
#2	.00002	.00019	9.5652	.00064	.00006	.00086	.03365
#3	.00008	-.00004	9.8524	.00073	.00005	.00101	.03448

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.06787	4.4150	.00039	-.00116	219.53	.00015	.02402
Stddev	.00043	.1072	.00006	.00057	1.99	.00030	.00020
%RSD	.64060	2.4278	16.831	49.207	.90604	195.76	.82757

#1	.06754	4.3424	.00032	-.00085	217.91	.00050	.02406
#2	.06772	4.3645	.00038	-.00183	218.92	.00001	.02381
#3	.06837	4.5381	.00045	-.00082	221.75	-.00005	.02420

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.81248	-.00006	-.01221	.08629	.24944	-.00179	.00082
Stddev	.02365	.00036	.02916	.00166	.00321	.00028	.00136
%RSD	2.9103	572.78	238.74	1.9202	1.2875	15.377	166.58

#1	.83201	-.00004	.01587	.08440	.24932	-.00148	-.00075
#2	.81924	.00029	-.04234	.08692	.25270	-.00197	.00155
#3	.78620	-.00044	-.01018	.08753	.24629	-.00193	.00165

Sample Name: K4265-12 Acquired: 8/15/2019 18:15:55 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: REACTOR-4-A1 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00166	.0036	.01689	<.00000	F<.00000
Stddev	.00056	.0010	.00020	.35287	.41647
%RSD	33.733	27.22	1.2105	2337.0	12.142
#1	-.00209	.0026	.01706	-.19333	-3.1251
#2	-.00185	.0037	.01666	.39134	-3.2601
#3	-.00103	.0046	.01694	-.24331	-3.9044
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.7	23701.	2290.6	25.060	2004.6
Stddev	6.3	77.	14.4	1.597	4.3
%RSD	.31113	.32346	.62852	6.3738	.21675
#1	2012.9	23681.	2274.5	26.342	2002.5
#2	2013.8	23785.	2302.2	23.271	2009.6
#3	2002.5	23635.	2295.2	25.569	2001.7

Sample Name: K4265-17 Acquired: 8/15/2019 18:20:23 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: R1-R2-(0-4.3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00133	-.00327	.00090	.00324	.00108	.04553	.17013
Stddev	.00078	.00096	.00022	.00283	.00197	.00928	.00071
%RSD	58.501	29.264	24.806	87.465	183.35	20.380	.41596

#1	-.00132	-.00322	.00105	.00025	.00021	.03560	.17037
#2	-.00056	-.00425	.00065	.00588	-.00032	.05398	.16934
#3	-.00211	-.00234	.00102	.00358	.00333	.04702	.17069

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00009	.00013	4.3710	.00030	.00059	.00040	.01293
Stddev	.00010	.00001	.0142	.00040	.00007	.00053	.00091
%RSD	115.83	5.1933	.32500	130.81	12.543	132.13	7.0577

#1	-.00020	.00013	4.3708	-.00009	.00057	-.00012	.01285
#2	.00000	.00014	4.3853	.00030	.00052	.00093	.01207
#3	-.00007	.00013	4.3569	.00070	.00067	.00039	.01389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.13794	1.3272	.00080	.00002	255.83	-.00011	.07926
Stddev	.00034	.0326	.00029	.00046	1.07	.00030	.00040
%RSD	.24916	2.4581	36.386	2165.2	.41930	261.51	.50166

#1	.13783	1.3631	.00053	.00018	255.07	.00003	.07936
#2	.13766	1.3191	.00076	-.00049	255.37	.00009	.07959
#3	.13832	1.2994	.00111	.00038	257.06	-.00045	.07882

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.6753	-.00051	-.01131	.11612	.20714	-.00112	.00166
Stddev	.0952	.00029	.01550	.00468	.00171	.00016	.00135
%RSD	3.5573	57.776	137.01	4.0282	.82599	14.625	80.858

#1	2.7543	-.00061	.00600	.11105	.20530	-.00095	.00307
#2	2.5696	-.00018	-.02392	.12027	.20742	-.00127	.00154
#3	2.7018	-.00074	-.01602	.11703	.20869	-.00116	.00038

Sample Name: K4265-17 Acquired: 8/15/2019 18:20:23 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: R1-R2-(0-4.3 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00135	.0051	.02605	.93037	F<.00000
Stddev	.00092	.0003	.00010	.51237	2.1774
%RSD	68.254	6.188	.37621	55.072	34.811
#1	-.00136	.0047	.02599	1.0808	-7.6179
#2	-.00226	.0052	.02616	1.3507	-3.7436
#3	-.00042	.0052	.02600	.35962	-7.4027
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.9	23895.	2315.2	25.702	2013.8
Stddev	13.9	62.	19.0	1.372	13.1
%RSD	.68166	.25925	.81915	5.3390	.65046
#1	2033.0	23824.	2299.2	24.320	2010.2
#2	2019.1	23935.	2310.3	27.065	2002.8
#3	2046.8	23927.	2336.1	25.720	2028.3

Sample Name: K4272-01 Acquired: 8/15/2019 18:24:51 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-G1-G4-(0- Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00223	-.00363	.00084	.00317	.00181	.07265	.14812
Stddev	.00163	.00070	.00065	.00293	.00201	.00764	.00195
%RSD	73.405	19.354	77.753	92.392	110.64	10.520	1.3155

#1	-.00246	-.00400	.00072	-.00020	.00036	.06779	.14606
#2	-.00049	-.00407	.00026	.00512	.00410	.08146	.14837
#3	-.00373	-.00282	.00155	.00459	.00098	.06870	.14994

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00005	.00083	35.760	.00009	.00070	.00298	.02838
Stddev	.00006	.00002	.215	.00025	.00019	.00082	.00124
%RSD	118.09	2.9573	.60001	268.60	27.519	27.551	4.3792

#1	.00002	.00080	35.920	.00004	.00054	.00311	.02933
#2	.00012	.00085	35.844	-.00013	.00065	.00210	.02697
#3	.00001	.00084	35.516	.00037	.00091	.00372	.02883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18754	18.434	.00085	-.00038	273.19	.00004	.42232
Stddev	.00117	.085	.00020	.00070	2.25	.00102	.00063
%RSD	.62369	.46339	24.187	184.38	.82471	2797.1	.14845

#1	.18828	18.335	.00061	.00015	270.78	-.00000	.42234
#2	.18619	18.486	.00098	-.00118	273.55	-.00097	.42293
#3	.18814	18.480	.00095	-.00011	275.24	.00108	.42168

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85284	-.00038	-.00586	.13510	.32922	-.00217	-.00016
Stddev	.01521	.00014	.02352	.00259	.00236	.00075	.00106
%RSD	1.7836	36.868	401.11	1.9203	.71556	34.401	680.09

#1	.84289	-.00049	.00161	.13739	.33185	-.00196	-.00108
#2	.87035	-.00042	.01301	.13228	.32851	-.00300	-.00039
#3	.84529	-.00022	-.03221	.13563	.32730	-.00156	.00100

Sample Name: K4272-01 Acquired: 8/15/2019 18:24:51 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 2S-G1-G4-(0- Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00037	.0070	.03685	1.6768	F<.00000
Stddev	.00160	.0015	.00008	.5205	.28612
%RSD	430.14	21.18	.21612	31.039	5.2273
#1	-.00173	.0060	.03694	1.4298	-5.2727
#2	.00140	.0063	.03684	2.2748	-5.8011
#3	-.00079	.0087	.03678	1.3259	-5.3467
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.9	23535.	2276.3	24.869	1976.1
Stddev	8.8	18.	24.4	.858	7.4
%RSD	.44031	.07503	1.0734	3.4508	.37581
#1	2006.6	23515.	2248.5	25.793	1978.0
#2	1998.2	23546.	2286.1	24.098	1967.9
#3	2015.8	23545.	2294.3	24.716	1982.4

Sample Name: K4272-06 Acquired: 8/15/2019 18:29:18 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-G1-G4-(1) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00224	-.00178	.00066	.00207	.00129	.07004	.16532
Stddev	.00184	.00121	.00147	.00355	.00073	.01944	.00031
%RSD	82.025	68.439	223.31	171.29	56.373	27.752	.18476

#1	-.00349	-.00165	.00053	.00538	.00212	.04900	.16523
#2	-.00013	-.00063	.00219	.00252	.00095	.07381	.16566
#3	-.00312	-.00305	-.00074	-.00168	.00079	.08732	.16507

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00042	31.701	.00018	.00036	.00215	.05405
Stddev	.00008	.00013	.103	.00043	.00017	.00014	.00071
%RSD	476.02	32.261	.32539	230.82	46.061	6.3544	1.3097

#1	.00007	.00053	31.613	-.00024	.00055	.00230	.05479
#2	-.00009	.00044	31.676	.00018	.00027	.00205	.05400
#3	-.00004	.00027	31.815	.00061	.00026	.00208	.05337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.10201	15.460	.00079	-.00007	276.29	.00015	.26964
Stddev	.00054	.213	.00006	.00094	2.20	.00033	.00105
%RSD	.52554	1.3793	7.6714	1268.3	.79523	212.92	.38879

#1	.10196	15.216	.00082	.00010	274.03	-.00002	.26853
#2	.10151	15.607	.00072	-.00109	276.43	.00053	.26978
#3	.10258	15.558	.00082	.00076	278.42	-.00005	.27061

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.0991	-.00057	-.03182	.15140	.45242	-.00147	.00043
Stddev	.0260	.00020	.01594	.00212	.00397	.00085	.00052
%RSD	2.3608	35.808	50.079	1.4023	.87839	57.979	121.70

#1	1.0917	-.00071	-.01358	.15129	.45542	-.00056	.00019
#2	1.1279	-.00033	-.04306	.15358	.44791	-.00224	.00102
#3	1.0776	-.00066	-.03881	.14934	.45393	-.00161	.00007

Sample Name: K4272-06 Acquired: 8/15/2019 18:29:18 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: 2S-G1-G4-(1) Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00040	.0066	.03636	2.2735	F<.00000
Stddev	.00055	.0017	.00011	1.0473	1.3710
%RSD	137.15	26.37	.31396	46.067	18.727

#1	-.00005	.0085	.03627	3.3894	-6.3673
#2	-.00104	.0063	.03649	2.1192	-6.7041
#3	-.00012	.0050	.03633	1.3119	-8.8924

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.8	23490.	2276.8	25.212	1976.0
Stddev	11.0	66.	13.6	1.166	9.5
%RSD	.54720	.28208	.59915	4.6258	.48313

#1	2002.0	23414.	2261.7	24.347	1975.7
#2	2012.6	23535.	2288.3	26.539	1985.7
#3	1990.7	23521.	2280.3	24.751	1966.7

Sample Name: K4272-11 Acquired: 8/15/2019 18:33:44 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-K-(0-1) Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00246	-.00443	.00167	.00197	.00080	.04505	.11880
Stddev	.00217	.00151	.00069	.00270	.00095	.01319	.00081
%RSD	88.103	34.071	41.362	136.55	117.56	29.275	.68342

#1	-.00004	-.00308	.00139	.00200	.00189	.05675	.11787
#2	-.00310	-.00605	.00117	-.00073	.00034	.04766	.11920
#3	-.00423	-.00415	.00246	.00466	.00018	.03076	.11934

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00000	.00089	64.199	-.00017	.00209	.00164	.02021
Stddev	.00001	.00007	.114	.00044	.00013	.00049	.00083
%RSD	467.23	8.1257	.17728	258.33	6.0946	29.854	4.1154

#1	.00001	.00088	64.319	-.00065	.00198	.00175	.01929
#2	.00001	.00082	64.092	.00020	.00223	.00207	.02043
#3	-.00001	.00096	64.188	-.00005	.00206	.00111	.02090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.53515	5.7819	.00106	-.00058	268.89	-.00198	2.0479
Stddev	.00058	.1219	.00059	.00027	2.37	.00035	.0160
%RSD	.10804	2.1088	55.672	46.782	.88100	17.711	.77960

#1	.53514	5.6997	.00126	-.00049	266.16	-.00178	2.0648
#2	.53573	5.9220	.00040	-.00088	270.11	-.00177	2.0460
#3	.53458	5.7241	.00153	-.00036	270.40	-.00238	2.0330

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.80098	-.00095	-.01735	.13635	.21710	-.00071	.00004
Stddev	.00532	.00042	.01953	.00742	.00689	.00044	.00201
%RSD	.66414	44.487	112.58	5.4427	3.1728	60.988	5245.5

#1	.80241	-.00059	-.02631	.13714	.22501	-.00086	.00070
#2	.80543	-.00142	-.03080	.12857	.21390	-.00022	-.00222
#3	.79508	-.00085	.00506	.14335	.21240	-.00106	.00163

Sample Name: K4272-11 Acquired: 8/15/2019 18:33:44 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: 2S-K-(0-1) Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00044	-.0020	.06946	1.9787	F<.00000
Stddev	.00098	.0010	.00014	.7456	2.4692
%RSD	221.13	52.23	.20874	37.679	36.903
#1	.00145	-.0018	.06957	1.2466	-5.2045
#2	.00038	-.0011	.06930	1.9525	-5.3274
#3	-.00050	-.0031	.06952	2.7370	-9.5415
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.6	23457.	2254.9	24.956	1984.4
Stddev	13.7	9.	31.1	.643	11.9
%RSD	.68006	.04019	1.3777	2.5770	.60153
#1	1992.8	23460.	2220.2	24.246	1972.1
#2	2016.4	23446.	2280.2	25.498	1985.0
#3	2016.5	23464.	2264.2	25.125	1996.0

Sample Name: K4356-02 Acquired: 8/15/2019 18:38:08 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-1 Custom ID2: Custom ID3:
 Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00235	-.00191	.00091	.00150	.00037	.05764	.16241
Stddev	.00250	.00169	.00132	.00438	.00189	.00271	.00067
%RSD	106.18	88.528	144.71	293.07	509.08	4.7046	.41261

#1	-.00074	.00001	-.00037	.00572	.00212	.05977	.16207
#2	-.00109	-.00319	.00084	-.00303	-.00164	.05459	.16319
#3	-.00523	-.00254	.00226	.00179	.00064	.05857	.16199

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.00013	9.5441	.00027	-.00022	.00248	.51631
Stddev	.00001	.00016	.0680	.00009	.00013	.00033	.00080
%RSD	50.446	118.69	.71240	35.638	58.078	13.340	.15406

#1	.00005	.00011	9.4730	.00025	-.00033	.00275	.51721
#2	.00002	-.00001	9.5508	.00037	-.00008	.00258	.51601
#3	.00002	.00030	9.6084	.00018	-.00026	.00211	.51571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.54444	2.4751	-.00057	-.00091	310.69	-.00106	.08763
Stddev	.00239	.0364	.00028	.00065	.85	.00027	.00025
%RSD	.43964	1.4708	49.179	71.350	.27422	25.636	.28061

#1	.54552	2.5138	-.00049	-.00034	311.62	-.00137	.08784
#2	.54611	2.4699	-.00089	-.00162	310.50	-.00087	.08771
#3	.54170	2.4416	-.00034	-.00077	309.95	-.00094	.08736

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18177	-.00068	.02640	.40265	.12313	-.00253	-.00004
Stddev	.07265	.00016	.00816	.00385	.00220	.00151	.00039
%RSD	39.969	23.623	30.911	.95736	1.7895	59.695	1027.4

#1	.09926	-.00084	.03562	.39820	.12093	-.00335	-.00030
#2	.20993	-.00067	.02347	.40509	.12313	-.00344	-.00022
#3	.23614	-.00052	.02010	.40465	.12534	-.00079	.00041

Sample Name: K4356-02 Acquired: 8/15/2019 18:38:08 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-1 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00042	.0053	.04758	1.4297	F<.00000
Stddev	.00038	.0006	.00033	.4802	.71695
%RSD	89.888	11.77	.69596	33.587	6.4920
#1	.00007	.0048	.04721	1.7954	-11.788
#2	.00082	.0050	.04786	1.6080	-10.358
#3	.00037	.0060	.04767	.88591	-10.985
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.1	23513.	2280.1	25.411	1970.5
Stddev	1.6	130.	12.0	.445	1.5
%RSD	.08026	.55082	.52563	1.7505	.07860
#1	1995.6	23398.	2266.5	25.880	1969.4
#2	1997.9	23488.	2284.5	24.995	1972.3
#3	1994.8	23654.	2289.2	25.359	1969.9

Sample Name: K4356-04 Acquired: 8/15/2019 18:42:36 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00113	-.00390	.00109	.00324	.00179	.05154	.19718
Stddev	.00053	.00114	.00106	.00179	.00192	.01544	.00263
%RSD	47.043	29.362	96.868	55.270	107.28	29.963	1.3325

#1	-.00107	-.00304	.00178	.00243	.00266	.03578	.19433
#2	-.00168	-.00345	-.00013	.00529	.00312	.05220	.19771
#3	-.00063	-.00519	.00162	.00199	-.00041	.06665	.19950

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00002	.00010	11.679	.00045	-.00005	.00283	.16171
Stddev	.00005	.00007	.033	.00067	.00015	.00027	.00112
%RSD	257.76	69.757	.27838	149.63	275.17	9.6243	.69449

#1	-.00004	.00006	11.653	-.00000	-.00020	.00270	.16072
#2	-.00005	.00019	11.668	.00013	.00010	.00315	.16148
#3	.00003	.00006	11.715	.00122	-.00007	.00266	.16293

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.43527	3.1899	-.00025	-.00029	327.68	-.00078	.10558
Stddev	.00104	.0436	.00061	.00061	4.20	.00071	.00026
%RSD	.23986	1.3654	241.34	210.05	1.2808	91.014	.24271

#1	.43447	3.1503	-.00085	-.00088	322.89	-.00014	.10531
#2	.43645	3.2365	-.00028	-.00034	329.46	-.00154	.10562
#3	.43489	3.1830	.00037	.00034	330.70	-.00066	.10581

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25968	-.00078	.06141	.50443	.11736	-.00228	-.00079
Stddev	.06495	.00015	.02402	.00480	.00357	.00115	.00141
%RSD	25.011	19.545	39.117	.95140	3.0386	50.626	178.74

#1	.30766	-.00061	.03470	.50998	.11877	-.00288	-.00126
#2	.18577	-.00087	.06826	.50173	.11331	-.00095	.00080
#3	.28561	-.00087	.08125	.50160	.12001	-.00300	-.00190

Sample Name: K4356-04 Acquired: 8/15/2019 18:42:36 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-2 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00003	.0098	.06949	3.4128	F<.00000
Stddev	.00080	.0016	.00002	.4522	1.1586
%RSD	2588.1	16.52	.03205	13.249	20.078

#1	-.00015	.0106	.06952	3.8534	-6.6371
#2	-.00067	.0080	.06947	3.4351	-4.4546
#3	.00091	.0109	.06948	2.9499	-6.2204

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.3	23568.	2266.4	25.155	1962.0
Stddev	11.9	49.	17.4	1.722	7.6
%RSD	.59658	.20783	.76987	6.8445	.38598

#1	2010.0	23604.	2247.4	23.575	1970.7
#2	1989.9	23512.	2269.9	24.900	1958.7
#3	1988.9	23587.	2281.8	26.990	1956.7

Sample Name: K4356-06 Acquired: 8/15/2019 18:47:10 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00369	-.00489	.00037	.00365	.00195	.14465	.27445
Stddev	.00404	.00219	.00137	.00294	.00057	.02227	.00108
%RSD	109.47	44.701	366.26	80.563	29.339	15.393	.39308

#1	-.00097	-.00654	.00102	.00509	.00129	.11977	.27488
#2	.00610	-.00572	-.00120	.00558	.00222	.15147	.27323
#3	.00595	-.00241	.00130	.00027	.00233	.16270	.27525

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00002	.00009	12.605	.00058	-.00003	.00161	.29660
Stddev	.00006	.00008	.019	.00034	.00021	.00038	.00165
%RSD	333.20	94.436	.15134	58.568	813.58	23.623	.55712

#1	.00000	.00018	12.625	.00027	-.00024	.00164	.29851
#2	-.00003	.00001	12.602	.00094	.00018	.00198	.29554
#3	.00008	.00008	12.587	.00053	-.00002	.00122	.29576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.42153	5.9100	-.00019	-.00055	338.12	-.00084	.17092
Stddev	.00208	.0969	.00045	.00044	2.98	.00014	.00037
%RSD	.49395	1.6400	239.74	79.517	.88012	16.601	.21701

#1	.42389	5.8157	-.00070	-.00012	334.72	-.00091	.17114
#2	.41993	5.9048	.00004	-.00099	339.41	-.00092	.17049
#3	.42079	6.0094	.00010	-.00054	340.23	-.00068	.17113

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.76003	-.00029	.08626	.99198	.28111	-.00210	.00130
Stddev	.03297	.00009	.00622	.00724	.01042	.00043	.00214
%RSD	4.3374	30.399	7.2061	.72938	3.7076	20.269	164.39

#1	.76887	-.00036	.07956	.98901	.27016	-.00245	.00065
#2	.78767	-.00019	.09184	1.0002	.29090	-.00223	-.00043
#3	.72354	-.00032	.08738	.98670	.28226	-.00163	.00369

Sample Name: K4356-06 Acquired: 8/15/2019 18:47:10 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-3 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00030	.0377	.09600	2.3680	F<.00000
Stddev	.00174	.0016	.00023	.1716	1.6359
%RSD	581.64	4.179	.23594	7.2476	23.953
#1	-.00120	.0360	.09585	2.2791	-6.0631
#2	-.00012	.0379	.09588	2.5658	-8.7077
#3	.00221	.0391	.09626	2.2591	-5.7172
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.8	23595.	2305.0	26.197	1973.4
Stddev	8.7	141.	14.9	.234	6.2
%RSD	.43321	.59853	.64751	.89204	.31370
#1	2001.9	23433.	2287.9	26.455	1967.2
#2	2008.3	23689.	2312.0	26.135	1973.5
#3	2019.1	23663.	2315.2	26.000	1979.6

Sample Name: K4356-08 Acquired: 8/15/2019 18:51:43 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00439	-.00416	.00177	.00284	.00269	.07680	.22012
Stddev	.00190	.00046	.00151	.00353	.00163	.00632	.00355
%RSD	43.198	11.128	84.924	124.57	60.507	8.2242	1.6134

#1	.00620	-.00377	.00120	-.00053	.00182	.08323	.21612
#2	.00241	-.00403	.00064	.00252	.00169	.07655	.22133
#3	.00457	-.00467	.00348	.00652	.00457	.07061	.22291

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00003	.00017	12.016	.00035	.00005	.00402	.16896
Stddev	.00010	.00010	.055	.00074	.00024	.00054	.00139
%RSD	313.06	60.406	.45583	215.04	477.52	13.500	.82085

#1	-.00009	.00012	11.956	-.00050	-.00011	.00461	.16736
#2	-.00009	.00011	12.064	.00092	.00032	.00388	.16988
#3	.00008	.00029	12.027	.00062	-.00007	.00355	.16963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.24761	6.5183	-.00030	.00011	322.61	.00001	.13056
Stddev	.00127	.0480	.00025	.00057	3.70	.00035	.00035
%RSD	.51377	.73647	83.187	536.81	1.1484	6615.7	.26711

#1	.24697	6.4848	-.00010	.00069	320.65	.00041	.13047
#2	.24908	6.4968	-.00022	-.00045	320.29	-.00013	.13095
#3	.24680	6.5733	-.00058	.00008	326.88	-.00026	.13027

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63999	-.00083	.06604	.68175	.16027	-.00206	.00109
Stddev	.02207	.00025	.00899	.00473	.00098	.00017	.00216
%RSD	3.4484	30.171	13.619	.69339	.60966	8.2072	197.92

#1	.64437	-.00077	.06374	.68123	.16139	-.00188	-.00092
#2	.61606	-.00061	.05842	.68671	.15968	-.00207	.00082
#3	.65954	-.00110	.07596	.67730	.15972	-.00222	.00338

Sample Name: K4356-08 Acquired: 8/15/2019 18:51:43 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-4 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00169	.0220	.09344	3.1120	F<.00000
Stddev	.00060	.0019	.00033	.2350	1.4590
%RSD	35.784	8.710	.35655	7.5516	23.725

#1	.00102	.0238	.09381	3.0425	-4.4664
#2	.00221	.0221	.09315	3.3739	-7.0520
#3	.00183	.0200	.09338	2.9196	-6.9306

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.2	23256.	2263.3	25.513	1953.0
Stddev	4.5	72.	18.0	.656	2.9
%RSD	.22893	.31024	.79710	2.5703	.15025

#1	1991.0	23320.	2242.8	25.783	1955.9
#2	1988.5	23270.	2276.7	25.990	1953.1
#3	1982.2	23178.	2270.4	24.765	1950.0

Sample Name: K4356-10 Acquired: 8/15/2019 18:56:14 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00034	-.00342	.02052	.00400	.00097	.14150	.15083
Stddev	.00366	.00068	.00097	.00071	.00113	.01038	.00245
%RSD	1066.1	20.007	4.7350	17.684	115.77	7.3358	1.6232

#1	-.00359	-.00351	.02059	.00449	-.00006	.14406	.14827
#2	.00362	-.00270	.02145	.00319	.00080	.13008	.15108
#3	-.00106	-.00406	.01951	.00433	.00217	.15036	.15315

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	.00020	14.724	.00037	.00357	.00545	3.9576
Stddev	.00007	.00005	.013	.00053	.00022	.00030	.0127
%RSD	35.703	23.010	.09013	143.02	6.0795	5.4838	.31970

#1	.00020	.00026	14.726	.00095	.00336	.00578	3.9442
#2	.00013	.00019	14.736	.00025	.00380	.00520	3.9592
#3	.00028	.00017	14.709	-.00009	.00354	.00537	3.9694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.99137	2.0811	.00487	-.00012	335.68	-.00345	.05839
Stddev	.00316	.0383	.00004	.00013	2.74	.00007	.00006
%RSD	.31911	1.8404	.86647	110.33	.81508	2.0627	.09713

#1	.98771	2.0372	.00485	-.00011	332.52	-.00346	.05845
#2	.99325	2.0985	.00492	.00001	337.06	-.00338	.05834
#3	.99314	2.1075	.00485	-.00025	337.44	-.00352	.05837

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.61922	-.00065	-.00039	.24618	.41205	-.00177	.00044
Stddev	.03773	.00027	.02100	.00540	.00701	.00033	.00253
%RSD	6.0925	41.634	5332.4	2.1930	1.7002	18.698	570.24

#1	.65483	-.00042	.00887	.25102	.41693	-.00174	-.00147
#2	.57968	-.00095	-.02444	.24715	.41520	-.00211	-.00052
#3	.62314	-.00058	.01439	.24036	.40403	-.00145	.00331

Sample Name: K4356-10 Acquired: 8/15/2019 18:56:14 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-5 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	.00203	.0023	.07186	1.4716	F<.00000
Stddev	.00285	.0005	.00035	.1814	1.3851
%RSD	140.40	23.43	.48350	12.325	21.131

#1	-.00118	.0026	.07146	1.4315	-6.0338
#2	.00302	.0025	.07211	1.3136	-5.5058
#3	.00426	.0017	.07202	1.6697	-8.1249

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.9	23241.	2271.8	25.762	1941.2
Stddev	4.4	32.	14.5	1.665	5.7
%RSD	.22309	.13734	.63993	6.4638	.29209

#1	1971.4	23263.	2255.2	23.880	1934.8
#2	1979.9	23256.	2277.5	26.360	1945.7
#3	1973.5	23204.	2282.6	27.045	1942.9

Sample Name: CCV07 Acquired: 8/15/2019 19:00:48 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0474	5.0891	5.0549	5.1376	5.0758	10.005	10.169	.25961
Stddev	.0029	.0236	.0169	.0178	.0102	.080	.053	.00045
%RSD	.05644	.46457	.33382	.34655	.20176	.80073	.51773	.17456
#1	5.0504	5.1164	5.0744	5.1581	5.0829	9.9743	10.137	.25984
#2	5.0471	5.0757	5.0452	5.1270	5.0804	10.096	10.230	.25909
#3	5.0447	5.0751	5.0451	5.1275	5.0641	9.9455	10.140	.25991
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5238	25.890	1.0383	2.5103	1.2692	5.2678	2.5446	25.194
Stddev	.0068	.219	.0013	.0072	.0039	.0047	.0072	.123
%RSD	.27094	.84456	.12898	.28848	.30462	.08867	.28181	.48738
#1	2.5317	25.694	1.0372	2.5186	1.2664	5.2676	2.5483	25.078
#2	2.5205	25.849	1.0398	2.5067	1.2736	5.2726	2.5492	25.322
#3	2.5193	26.126	1.0379	2.5055	1.2677	5.2632	2.5363	25.181
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.5229	1.2802	25.424	2.5747	2.4829	24.926	5.0381	4.9947
Stddev	.0084	.0009	.142	.0040	.0066	.239	.0059	.0448
%RSD	.33309	.07055	.55665	.15346	.26588	.95730	.11654	.89706
#1	2.5307	1.2806	25.275	2.5782	2.4902	24.968	5.0337	4.9565
#2	2.5140	1.2791	25.556	2.5756	2.4773	25.140	5.0448	5.0440
#3	2.5241	1.2808	25.441	2.5704	2.4813	24.668	5.0358	4.9836
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0162	5.1425	4.9634	5.0817	F 3.9194	5.003	5.1740	F 2.4581
Stddev	.0178	.0437	.0156	.0204	.0112	.013	.0262	.3392
%RSD	.35433	.84990	.31333	.40059	.28554	.2606	.50727	13.799
#1	5.0363	5.1307	4.9810	5.0637	3.9067	5.016	5.1511	2.2055
#2	5.0026	5.1059	4.9516	5.0776	3.9277	5.001	5.1682	2.3252
#3	5.0096	5.1909	4.9576	5.1038	3.9238	4.990	5.2026	2.8437

Sample Name: CCV07 Acquired: 8/15/2019 19:00:48 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CRI Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 1.8515
Stddev .7826
%RSD 42.267

#1 .95840
#2 2.4173
#3 2.1787

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.1	23854.	2256.8	24.157	1960.5
Stddev	5.2	99.	10.1	.271	3.6
%RSD	.25568	.41369	.44875	1.1219	.18435

#1	2029.2	23797.	2251.8	24.470	1957.4
#2	2019.3	23796.	2268.5	24.006	1959.7
#3	2026.9	23968.	2250.2	23.995	1964.5

Sample Name: CCB07 Acquired: 8/15/2019 19:04:47 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSA8478 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00057	-.00024	-.00064	.00071	.00563	-.00825	.00091
Stddev	.00149	.00103	.00006	.00059	.00107	.01719	.00109
%RSD	258.63	427.31	8.7691	82.156	19.058	208.42	119.72

#1	.00149	-.00063	-.00070	.00065	.00472	.00870	.00047
#2	-.00114	-.00102	-.00062	.00016	.00682	-.00778	.00011
#3	.00137	.00092	-.00060	.00133	.00536	-.02567	.00216

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00004	-.02177	.00040	-.00009	-.00132	.00172
Stddev	.00006	.00007	.01029	.00030	.00037	.00046	.00072
%RSD	392.94	207.24	47.266	73.735	409.90	34.957	41.739

#1	-.00007	-.00004	-.00989	.00060	-.00041	-.00184	.00111
#2	.00004	.00010	-.02802	.00054	-.00018	-.00118	.00252
#3	-.00002	.00005	-.02739	.00006	.00032	-.00095	.00154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	-.02324	.00051	-.00005	-.00507	.00010	-.00022
Stddev	.00002	.05595	.00011	.00050	.02054	.00013	.00004
%RSD	224.45	240.71	20.960	1044.3	405.07	127.42	19.915

#1	.00003	-.02407	.00040	.00053	-.02274	.00015	-.00021
#2	-.00001	-.07878	.00061	-.00033	-.00994	-.00004	-.00018
#3	.00000	.03312	.00051	-.00035	.01747	.00019	-.00026

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00087	.00059	-.01838	.00439	-.00209	-.00178	.00093
Stddev	.05030	.00056	.02760	.00438	.00242	.00030	.00101
%RSD	5798.5	96.078	150.17	99.753	115.44	16.897	109.46

#1	.02297	.00115	.01257	.00895	-.00476	-.00143	.00085
#2	.03308	.00058	-.04042	.00021	-.00145	-.00197	.00197
#3	-.05865	.00003	-.02729	.00403	-.00006	-.00193	-.00005

Sample Name: CCB07 Acquired: 8/15/2019 19:04:47 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSA8478 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00165	-.0016	-.00009	F<.00000	F 1.5927
Stddev	.00068	.0025	.00011	.72317	2.6813
%RSD	41.402	152.0	125.17	36.386	168.35
#1	-.00208	.0008	-.00005	-1.2180	1.1951
#2	-.00086	-.0016	-.00001	-2.6531	-.86767
#3	-.00201	-.0041	-.00022	-2.0914	4.4506
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2099.6	24386.	2270.2	25.447	2209.7
Stddev	1.2	47.	14.4	.314	1.7
%RSD	.05886	.19142	.63509	1.2343	.07905
#1	2099.8	24348.	2268.3	25.185	2210.4
#2	2098.3	24438.	2256.8	25.795	2211.0
#3	2100.7	24370.	2285.4	25.360	2207.7

Sample Name: K4356-12 Acquired: 8/15/2019 19:09:16 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01487	-.00414	.00317	.00350	-.00005	.06911	.17664
Stddev	.00299	.00046	.00033	.00186	.00026	.00617	.00173
%RSD	20.088	11.004	10.477	53.129	546.10	8.9282	.97717

#1	.01259	-.00387	.00279	.00196	.00017	.07522	.17469
#2	.01826	-.00388	.00330	.00298	-.00034	.06923	.17728
#3	.01378	-.00466	.00341	.00557	.00003	.06288	.17796

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00012	.00011	9.4722	.00162	.00012	.00396	.10609
Stddev	.00003	.00007	.0288	.00011	.00004	.00052	.00142
%RSD	28.609	66.629	.30441	6.7449	29.864	13.179	1.3350

#1	-.00009	.00018	9.4707	.00153	.00011	.00384	.10622
#2	-.00011	.00003	9.5017	.00174	.00010	.00454	.10462
#3	-.00016	.00012	9.4441	.00159	.00017	.00352	.10744

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.36846	6.3948	-.00028	.00011	331.54	-.00028	.09646
Stddev	.00055	.0779	.00026	.00025	2.61	.00050	.00015
%RSD	.15021	1.2186	93.542	224.78	.78670	180.66	.15923

#1	.36910	6.3175	-.00058	-.00015	329.20	.00029	.09640
#2	.36821	6.4734	-.00012	.00034	331.06	-.00063	.09664
#3	.36808	6.3933	-.00014	.00013	334.35	-.00049	.09636

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.5814	.00019	.07280	.57022	.25580	-.00170	.00126
Stddev	.0799	.00008	.02680	.00416	.00717	.00108	.00174
%RSD	5.0520	41.308	36.814	.72897	2.8047	63.539	138.26

#1	1.5461	.00025	.08290	.57390	.26367	-.00106	.00299
#2	1.5252	.00010	.09309	.57105	.25413	-.00109	-.00050
#3	1.6728	.00022	.04242	.56571	.24962	-.00295	.00129

Sample Name: K4356-12 Acquired: 8/15/2019 19:09:16 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: TP-6 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00162	.3504	.08628	3.9178	F<.00000
Stddev	.00176	.0021	.00047	.1756	1.1630
%RSD	108.33	.5925	.54137	4.4822	14.142
#1	.00008	.3495	.08581	3.8527	-9.3450
#2	-.00151	.3490	.08674	3.7841	-7.0230
#3	-.00343	.3528	.08630	4.1167	-8.3040
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.5	23446.	2280.3	24.393	1969.0
Stddev	13.2	4.	18.9	.604	12.4
%RSD	.65984	.01886	.82756	2.4764	.62944
#1	2020.4	23446.	2260.0	24.075	1982.5
#2	1995.2	23441.	2283.4	25.090	1958.1
#3	2000.9	23450.	2297.4	24.015	1966.5

Sample Name: K4356-14 Acquired: 8/15/2019 19:13:51 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00082	-.00474	.00018	.00241	.00356	.05064	.15002
Stddev	.00263	.00085	.00045	.00341	.00427	.01200	.00152
%RSD	321.58	17.914	242.16	141.42	120.13	23.696	1.0114

#1	-.00285	-.00542	.00028	.00632	.00544	.03770	.14828
#2	-.00176	-.00379	-.00030	.00092	.00657	.05283	.15105
#3	.00215	-.00502	.00057	-.00000	-.00133	.06140	.15073

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00006	.00010	11.441	-.00028	-.00015	.00124	.46469
Stddev	.00004	.00014	.052	.00040	.00022	.00013	.00412
%RSD	61.300	141.08	.45588	143.00	146.78	10.554	.88591

#1	-.00010	.00025	11.387	-.00002	.00010	.00119	.46311
#2	-.00002	.00005	11.446	-.00008	-.00023	.00139	.46936
#3	-.00007	-.00001	11.491	-.00074	-.00032	.00114	.46160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.85051	3.5986	-.00101	-.00046	319.15	-.00306	.07543
Stddev	.00237	.1264	.00017	.00050	.87	.00006	.00020
%RSD	.27818	3.5113	16.855	110.54	.27179	1.8908	.26373

#1	.84779	3.4527	-.00120	-.00011	319.22	-.00300	.07534
#2	.85202	3.6693	-.00095	-.00022	319.98	-.00305	.07529
#3	.85174	3.6738	-.00088	-.00103	318.25	-.00312	.07566

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.18069	-.00034	.01824	.37801	.07917	-.00161	-.00297
Stddev	.07079	.00033	.00637	.00355	.00157	.00019	.00085
%RSD	39.179	96.622	34.923	.93912	1.9816	11.563	28.784

#1	.19949	-.00011	.01096	.37682	.07753	-.00141	-.00350
#2	.24018	-.00072	.02096	.38201	.07931	-.00163	-.00342
#3	.10239	-.00020	.02279	.37522	.08066	-.00178	-.00198

Sample Name: K4356-14 Acquired: 8/15/2019 19:13:51 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: TP-7 Custom ID2: Custom ID3:
Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00039	.0194	.05780	2.4996	F<.00000
Stddev	.00106	.0017	.00011	.6287	1.6394
%RSD	270.60	8.648	.18720	25.150	21.569

#1	.00066	.0175	.05771	3.2239	-6.6926
#2	-.00146	.0200	.05792	2.1798	-6.6166
#3	-.00037	.0208	.05778	2.0953	-9.4934

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.7	23521.	2287.5	25.591	1978.6
Stddev	11.6	40.	24.4	.139	8.3
%RSD	.57841	.17082	1.0657	.54409	.41973

#1	2004.7	23503.	2259.8	25.489	1971.9
#2	2007.5	23567.	2305.9	25.750	1976.0
#3	2026.1	23493.	2296.7	25.535	1987.9

Sample Name: K4805-02 Acquired: 8/15/2019 19:18:23 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00158	-.00208	.00646	.00181	.00139	.09094	.13834
Stddev	.00109	.00096	.00088	.00352	.00193	.02668	.00207
%RSD	69.316	46.320	13.613	194.74	138.66	29.338	1.4932

#1	.00081	-.00119	.00686	.00163	.00104	.06066	.13712
#2	.00283	-.00194	.00707	.00541	-.00034	.10120	.14072
#3	.00109	-.00310	.00545	-.00162	.00347	.11097	.13717

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00008	.00027	14.715	.00004	.00111	.00616	.03692
Stddev	.00005	.00004	.102	.00031	.00016	.00046	.00129
%RSD	67.102	15.403	.69432	688.76	14.919	7.5027	3.5009

#1	.00014	.00026	14.605	.00003	.00096	.00649	.03625
#2	.00004	.00032	14.733	.00036	.00107	.00563	.03610
#3	.00006	.00024	14.807	-.00025	.00129	.00637	.03841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.25422	4.2821	.00062	-.00026	83.331	-.00045	.10272
Stddev	.00260	.0522	.00071	.00019	.412	.00012	.00015
%RSD	1.0237	1.2185	114.33	70.526	.49417	26.444	.14235

#1	.25663	4.2732	.00044	-.00007	82.955	-.00059	.10255
#2	.25456	4.3382	.00002	-.00044	83.771	-.00038	.10282
#3	.25146	4.2350	.00141	-.00028	83.266	-.00038	.10278

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.34165	-.00052	.00169	.58212	.47897	-.00274	-.00154
Stddev	.05610	.00038	.00921	.00527	.00367	.00092	.00213
%RSD	16.419	73.565	544.26	.90532	.76582	33.545	138.35

#1	.40081	-.00011	.00805	.57761	.47600	-.00168	-.00397
#2	.28922	-.00057	.00589	.58791	.47786	-.00319	-.00003
#3	.33493	-.00087	-.00887	.58085	.48307	-.00335	-.00061

Sample Name: K4805-02 Acquired: 8/15/2019 19:18:23 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00020	.0052	.04373	<.00000	F<.00000
Stddev	.00184	.0021	.00024	.54208	1.6566
%RSD	931.89	39.86	.55616	52.234	51.518
#1	.00108	.0074	.04353	-1.0475	-4.6235
#2	-.00230	.0033	.04365	-1.5749	-3.6328
#3	.00063	.0048	.04400	-.49092	-1.3902
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.2	24170.	2290.0	24.834	2104.4
Stddev	6.8	104.	5.3	1.474	2.8
%RSD	.32392	.42989	.22999	5.9349	.13181
#1	2082.7	24123.	2292.8	25.190	2101.7
#2	2086.0	24098.	2293.2	23.214	2104.4
#3	2095.7	24289.	2283.9	26.097	2107.2

Sample Name: K4321-03DLX10 Acquired: 8/15/2019 19:22:49 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01221	.00381	-.00623	.00582	.00054	6.9972	.02271	.00145
Stddev	.00272	.00147	.00052	.00189	.00091	.0869	.00065	.00013
%RSD	22.291	38.479	8.3060	32.471	168.01	1.2422	2.8408	9.2815

#1	.01086	.00327	-.00567	.00790	-.00013	6.8969	.02295	.00157
#2	.01534	.00269	-.00635	.00421	.00017	7.0506	.02320	.00130
#3	.01043	.00547	-.00668	.00535	.00157	7.0441	.02198	.00149

Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00321	.60229	.49465	.00668	.10170	94.461	.17065	2.5004
Stddev	.00022	.02029	.00250	.00017	.00019	.524	.00098	.0590
%RSD	6.8741	3.3694	.50533	2.5769	.18809	.55523	.57424	2.3593

#1	-.00295	.62535	.49253	.00685	.10148	93.855	.16953	2.4584
#2	-.00333	.59435	.49740	.00668	.10185	94.781	.17134	2.5679
#3	-.00334	.58716	.49401	.00651	.10176	94.745	.17108	2.4751

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01627	.00284	.17489	.11604	.03979	.95332	-.00068	-.03896
Stddev	.00089	.00108	.01675	.00102	.00009	.01781	.00033	.01742
%RSD	5.4442	37.902	9.5801	.87902	.23674	1.8687	48.534	44.711

#1	.01723	.00182	.15958	.11549	.03971	.93736	-.00093	-.04651
#2	.01549	.00273	.19279	.11722	.03989	.97254	-.00031	-.01904
#3	.01609	.00396	.17229	.11541	.03976	.95007	-.00079	-.05133

Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.97399	.20582	.00074	.12201	.00562	1.498	-.07085	<.00000
Stddev	.00690	.00089	.00045	.00346	.00104	.003	.00040	.37281
%RSD	.70833	.43060	60.516	2.8337	18.428	.1874	.56208	6.5498

#1	.97379	.20583	.00024	.12028	.00475	1.497	-.07040	-5.3300
#2	.96719	.20670	.00087	.11977	.00535	1.495	-.07115	-6.0747
#3	.98098	.20493	.00111	.12599	.00677	1.501	-.07100	-5.6709

Sample Name: K4321-03DLX10 Acquired: 8/15/2019 19:22:49 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	U_3859
Units	ppm
Avg	24.112
Stddev	2.360
%RSD	9.7874

#1	24.248
#2	26.402
#3	21.688

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.4	24455.	2291.6	25.698	2135.5
Stddev	7.2	68.	7.3	1.426	3.3
%RSD	.34472	.27897	.31974	5.5492	.15670

#1	2096.0	24527.	2283.6	27.310	2131.7
#2	2101.0	24446.	2298.0	24.600	2136.9
#3	2110.3	24391.	2293.2	25.185	2138.0

Sample Name: K4238-09DLX10 Acquired: 8/15/2019 19:27:21 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.03902	-.00890	1.1432	.00669	.00811	194.02	1.2808	.01136
Stddev	.00222	.00029	.0016	.00305	.00127	1.33	.0094	.00019
%RSD	5.6953	3.2276	.13655	45.648	15.614	.68379	.73581	1.7125
#1	.04137	-.00876	1.1420	.00423	.00916	192.50	1.2701	.01133
#2	.03873	-.00923	1.1427	.01010	.00671	194.60	1.2844	.01118
#3	.03696	-.00871	1.1450	.00572	.00846	194.95	1.2879	.01156
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00794	63.052	.20278	.16173	1.4705	204.72	6.1780	49.666
Stddev	.00002	.015	.00180	.00046	.0058	.22	.0310	.469
%RSD	.21623	.02422	.88857	.28224	.39438	.10853	.50239	.94424
#1	.00795	63.061	.20073	.16143	1.4763	204.46	6.1425	49.124
#2	.00794	63.061	.20408	.16226	1.4647	204.86	6.2002	49.920
#3	.00792	63.035	.20355	.16151	1.4704	204.84	6.1912	49.952
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.29832	.00690	49.200	.35282	2.2405	14.653	.00119	-.01876
Stddev	.00064	.00042	.381	.00066	.0087	.078	.00038	.01348
%RSD	.21379	6.1230	.77536	.18725	.38760	.53400	32.209	71.833
#1	.29884	.00658	48.815	.35301	2.2502	14.567	.00148	-.02917
#2	.29850	.00673	49.206	.35337	2.2378	14.719	.00075	-.02359
#3	.29761	.00738	49.578	.35209	2.2334	14.672	.00132	-.00354
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 32.945	3.0023	.05062	1.7023	.12154	F 11.56	.14763	<.00000
Stddev	.182	.0104	.00102	.0107	.00089	.04	.00029	.64371
%RSD	.55168	.34604	2.0246	.62895	.73636	.3626	.19494	3.0593
#1	33.113	3.0013	.04956	1.6988	.12050	11.59	.14776	-20.578
#2	32.970	3.0132	.05161	1.6938	.12201	11.58	.14783	-21.776
#3	32.752	2.9925	.05069	1.7143	.12210	11.51	.14730	-20.769

Sample Name: K4238-09DLX10 Acquired: 8/15/2019 19:27:21 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem U_3859
Units ppm
Avg F 102.25
Stddev 3.06
%RSD 2.9894

#1 104.74
#2 98.840
#3 103.16

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.0	30493.	2935.8	24.386	1841.2
Stddev	11.1	49.	18.4	.635	8.0
%RSD	.42309	.16012	.62570	2.6051	.43559

#1	2601.6	30514.	2917.3	24.980	1832.1
#2	2622.8	30437.	2936.1	23.716	1844.4
#3	2617.5	30528.	2954.0	24.462	1847.1

Sample Name: CCV08 Acquired: 8/15/2019 19:31:55 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: ICSAB8478 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.9683	5.0091	4.9681	5.0878	4.9626	9.7019	9.9993	.25559
Stddev	.0102	.0064	.0091	.0191	.0041	.0544	.0411	.00114
%RSD	.20514	.12730	.18388	.37556	.08224	.56029	.41068	.44411
#1	4.9606	5.0111	4.9728	5.0697	4.9588	9.6404	9.9698	.25566
#2	4.9643	5.0019	4.9576	5.1077	4.9669	9.7220	9.9820	.25442
#3	4.9799	5.0142	4.9739	5.0859	4.9619	9.7434	10.046	.25668
Elem	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404	Mn2576	Mg2790
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4781	25.322	1.0174	2.4699	1.2378	5.1949	2.4536	24.757
Stddev	.0032	.259	.0025	.0039	.0020	.0097	.0092	.247
%RSD	.13021	1.0238	.24334	.15704	.15897	.18677	.37613	.99685
#1	2.4799	25.024	1.0177	2.4714	1.2374	5.1985	2.4562	24.580
#2	2.4744	25.438	1.0148	2.4655	1.2400	5.1839	2.4434	24.651
#3	2.4800	25.502	1.0197	2.4728	1.2361	5.2022	2.4613	25.039
Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	Mo2020	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.4792	1.2526	24.819	2.5356	2.4432	24.143	4.9132	4.7928
Stddev	.0034	.0032	.178	.0067	.0020	.132	.0052	.0332
%RSD	.13585	.25227	.71678	.26276	.08265	.54718	.10532	.69214
#1	2.4812	1.2542	24.749	2.5369	2.4421	24.122	4.9108	4.7760
#2	2.4753	1.2489	24.688	2.5283	2.4419	24.022	4.9191	4.7715
#3	2.4811	1.2546	25.022	2.5415	2.4455	24.284	4.9096	4.8311
Elem	S_1820	Si2881	Sn1899	Ti3361	Li6707	P_1774	Sr4077	U_3670
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.0040	5.0206	4.8845	4.9595	F 3.7921	4.916	5.0727	F 4.4059
Stddev	.0202	.0208	.0069	.0465	.0341	.009	.0367	.2899
%RSD	.40395	.41423	.14127	.93705	.90005	.1923	.72280	6.5805
#1	4.9815	4.9983	4.8919	4.9091	3.7581	4.921	5.0347	4.4212
#2	5.0098	5.0241	4.8783	4.9689	3.7918	4.906	5.0755	4.1086
#3	5.0207	5.0395	4.8832	5.0006	3.8263	4.923	5.1078	4.6879

Sample Name: CCV08 Acquired: 8/15/2019 19:31:55 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: ICSAB8478 Custom ID2: Custom ID3:
 Comment:

Elem U_3859
 Units ppm
 Avg F .98229
 Stddev 1.9112
 %RSD 194.56

#1 -.62711
 #2 .47933
 #3 3.0947

Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.6	24183.	2291.3	24.804	1987.9
Stddev	6.5	61.	9.3	.790	5.6
%RSD	.31647	.25301	.40801	3.1841	.28294

#1	2055.2	24190.	2301.4	25.510	1981.9
#2	2054.5	24240.	2289.8	24.950	1988.8
#3	2066.1	24118.	2282.9	23.951	1993.1

Sample Name: CCB08 Acquired: 8/15/2019 19:35:54 Type: Unk
Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
User: Bin Custom ID1: CCV15360 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00021	-.00042	-.00018	-.00185	.00067	.00274	.00134
Stddev	.00154	.00102	.00071	.00025	.00113	.00257	.00069
%RSD	747.59	241.14	403.86	13.741	170.06	93.997	51.781

#1	-.00059	-.00158	.00064	-.00180	-.00026	.00084	.00060
#2	-.00078	-.00005	-.00060	-.00213	.00193	.00170	.00197
#3	.00198	.00036	-.00057	-.00163	.00033	.00567	.00144

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.00001	.00015	-.01429	-.00014	-.00008	-.00079	.00312
Stddev	.00006	.00008	.02324	.00053	.00007	.00010	.00084
%RSD	428.43	54.189	162.65	393.55	94.304	12.389	26.782

#1	.00005	.00010	-.00374	-.00047	-.00000	-.00091	.00223
#2	-.00006	.00012	.00181	.00048	-.00008	-.00074	.00389
#3	-.00003	.00025	-.04093	-.00041	-.00014	-.00073	.00323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00001	.00429	.00070	.00026	-.22296	.00026	-.00027
Stddev	.00001	.08627	.00005	.00042	.01474	.00052	.00006
%RSD	121.05	2011.6	6.4865	161.23	6.6102	205.11	20.757

#1	.00001	-.09243	.00065	-.00021	-.23447	.00032	-.00027
#2	.00002	.03199	.00073	.00037	-.20635	.00075	-.00033
#3	-.00000	.07330	.00073	.00062	-.22805	-.00030	-.00022

Elem	K_7664	Mo2020	B_2496	S_1820	Si2881	Sn1899	Ti3361
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.07353	.00086	-.02383	.00350	-.00186	-.00224	.00067
Stddev	.02148	.00036	.02635	.00577	.00140	.00136	.00111
%RSD	29.214	42.190	110.59	164.86	75.156	60.424	165.18

#1	-.08091	.00127	-.04946	-.00154	-.00084	-.00359	.00091
#2	-.09035	.00071	-.02521	.00225	-.00345	-.00088	.00165
#3	-.04933	.00059	.00319	.00979	-.00128	-.00226	-.00054

Sample Name: CCB08 Acquired: 8/15/2019 19:35:54 Type: Unk
 Method: P4-ICP2(v3342) Mode: CONC Corr. Factor: 1.000000
 User: Bin Custom ID1: CCV15360 Custom ID2: Custom ID3:
 Comment:

Elem	Li6707	P_1774	Sr4077	U_3670	U_3859
Units	ppm	ppm	ppm	ppm	ppm
Avg	-.00145	-.0009	-.00008	F<.00000	F<.00000
Stddev	.00116	.0010	.00006	.27389	1.2930
%RSD	80.042	120.6	75.333	123.91	690.29
#1	-.00030	-.0019	-.00009	-.21177	-.97433
#2	-.00262	-.0009	-.00002	.04811	-.89254
#3	-.00143	.0002	-.00013	-.49943	1.3049
Int. Std.	Y_2243	Y_3600	Y_3710	In2306	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2110.9	24666.	2287.7	25.123	2218.1
Stddev	3.6	86.	3.1	1.664	3.2
%RSD	.17269	.34764	.13559	6.6230	.14348
#1	2115.1	24589.	2284.2	23.310	2219.2
#2	2108.3	24650.	2288.9	26.580	2220.6
#3	2109.3	24758.	2290.1	25.480	2214.5