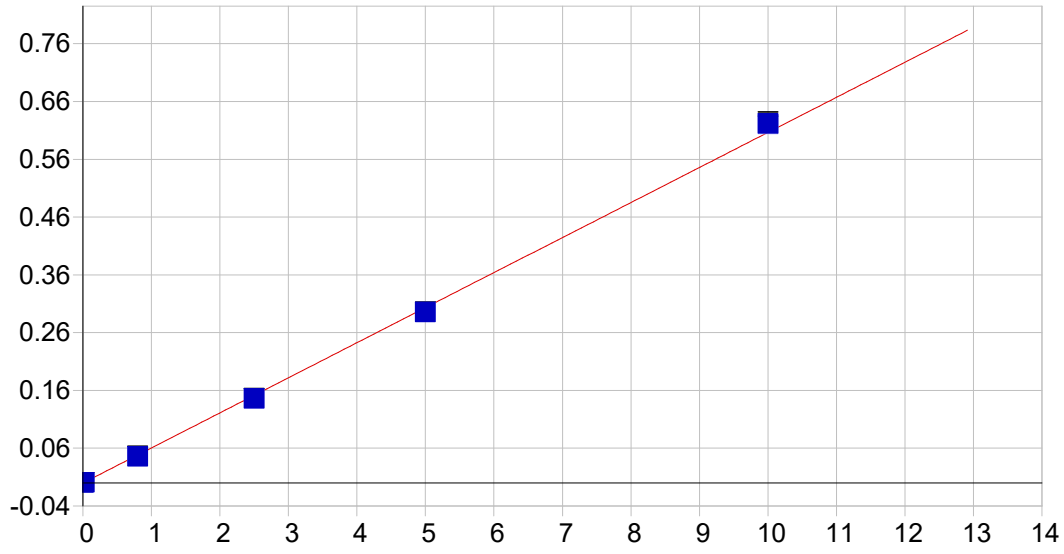
Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



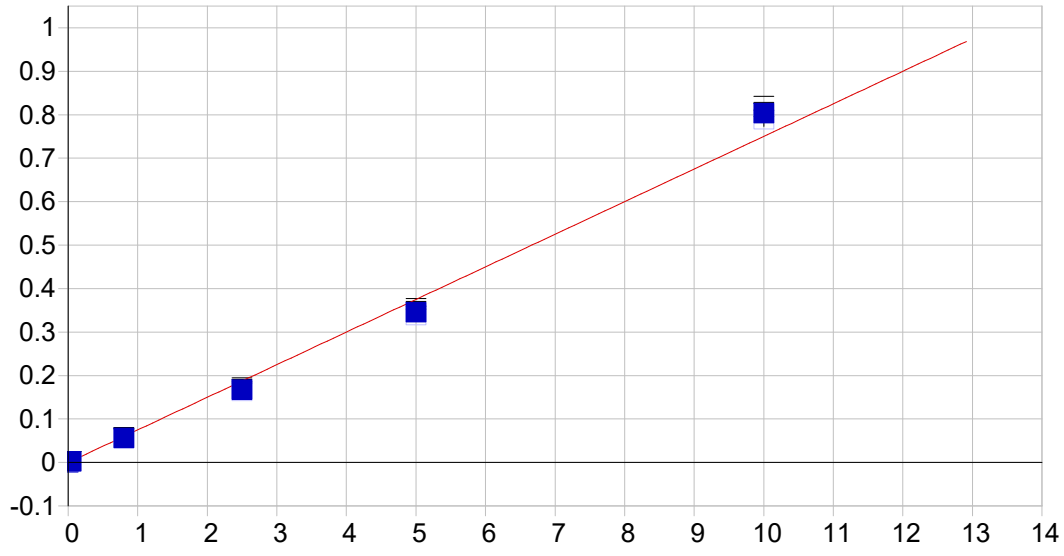
As 189.042 {479}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000180	Re-Slope:	1.000000
A1 (Gain):	0.060668	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999615	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	0.002044		
Predicted MQL:	0.006812		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.02000	.01865	-.001	-6.77	.00095	.000	1
S3	2.5000	2.4108	-.089	-3.57	.14591	.000	1
S4	5.0000	4.8794	-.121	-2.41	.29551	.001	1
S5	10.000	10.248	.248	2.48	.62092	.004	1
S2	.80000	.76271	-.037	-4.66	.04604	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



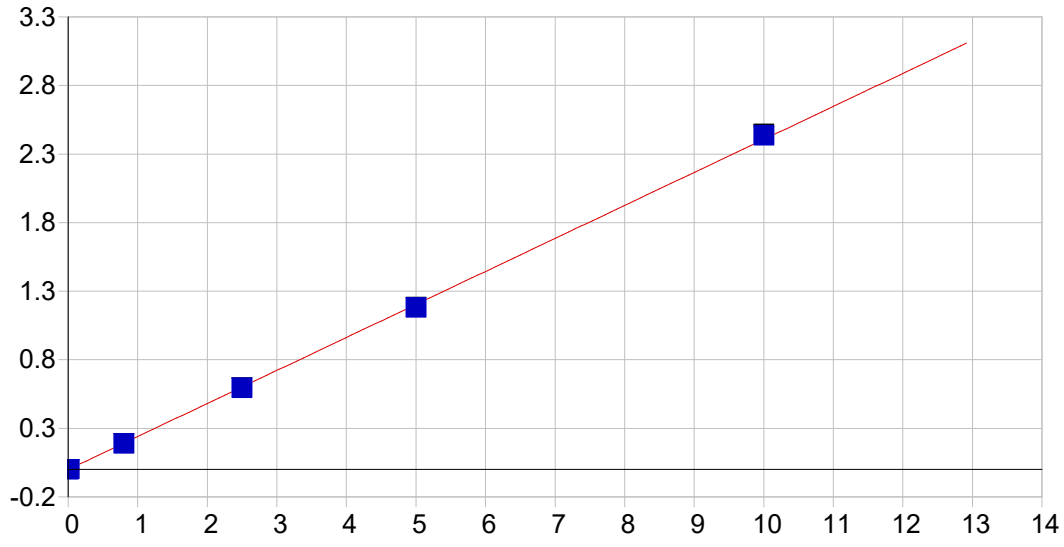
Tl 190.856 {477}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000127	Re-Slope:	1.000000
A1 (Gain):	0.075019	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996809	Status:	OK.
Std Error of Est:	0.000195		
Predicted MDL:	0.001408		
Predicted MQL:	0.004694		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00013	.000	1
S1	.04000	.03359	-.006	-16.0	.00220	.000	1
S3	2.5000	2.2338	-.266	-10.6	.16399	.004	1
S4	5.0000	4.6085	-.391	-7.83	.33869	.009	1
S5	10.000	10.711	.711	7.11	.78956	.016	1
S2	.80000	.75319	-.047	-5.85	.05527	.001	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



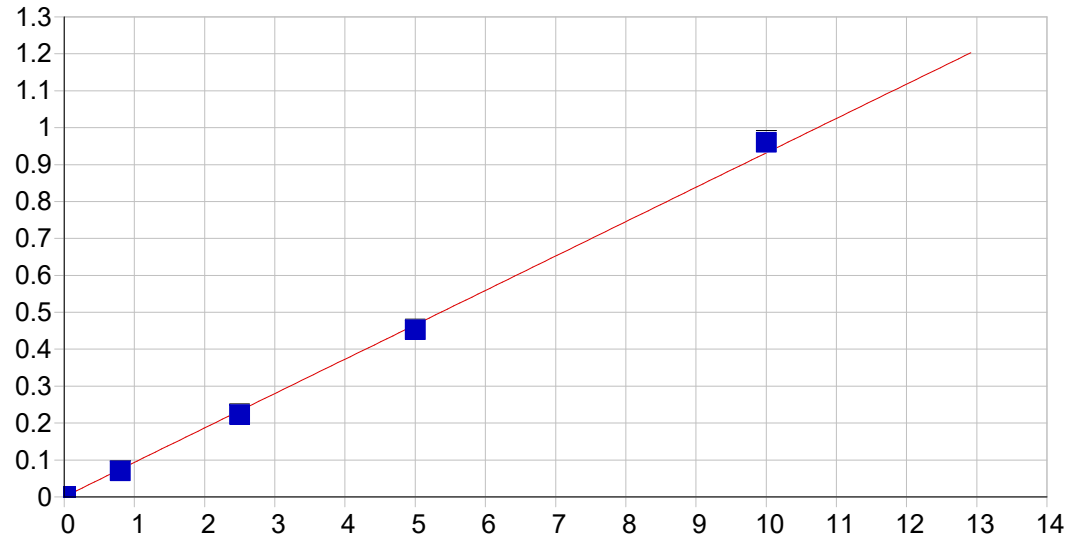
Pb 220.353 {453}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000180	Re-Slope:	1.000000
A1 (Gain):	0.240681	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999896	Status:	OK.
Std Error of Est:	0.000063		
Predicted MDL:	0.000938		
Predicted MQL:	0.003126		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.01200	.01082	-.001	-9.87	.00237	.000	1
S3	2.5000	2.4721	-.028	-1.11	.59415	.001	1
S4	5.0000	4.9110	-.089	-1.78	1.1805	.001	1
S5	10.000	10.128	.128	1.28	2.4349	.009	1
S2	.80000	.78975	-.010	-1.28	.18969	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



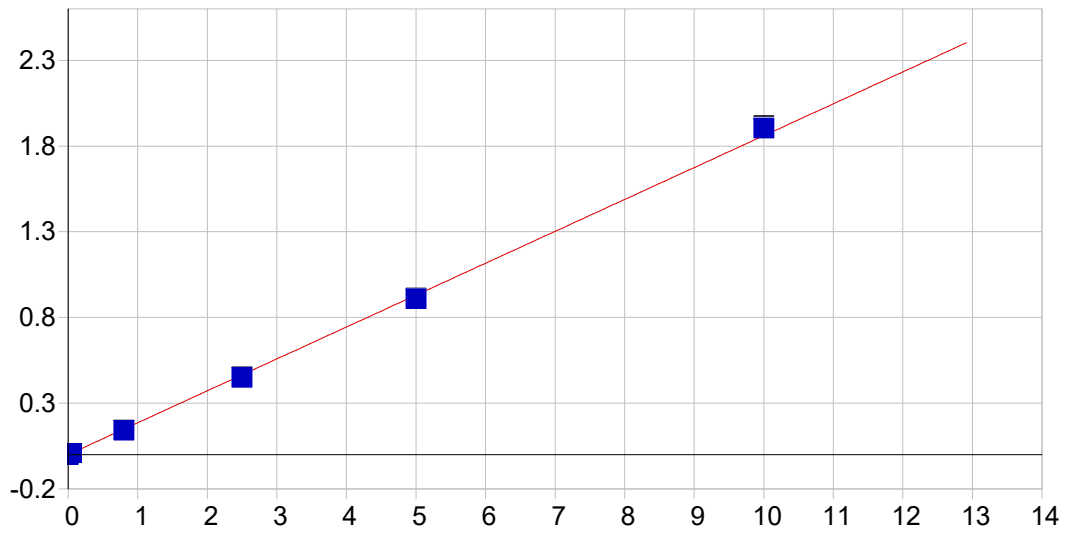
Se 196.090 {472}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000475	Re-Slope:	1.000000
A1 (Gain):	0.093119	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999416	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	0.001785		
Predicted MQL:	0.005949		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00048	.000	1
S1	.02000	.01683	-.003	-15.9	.00204	.000	1
S3	2.5000	2.3900	-.110	-4.40	.22298	.001	1
S4	5.0000	4.8563	-.144	-2.87	.45257	.002	1
S5	10.000	10.303	.303	3.03	.95969	.006	1
S2	.80000	.75332	-.047	-5.84	.07060	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



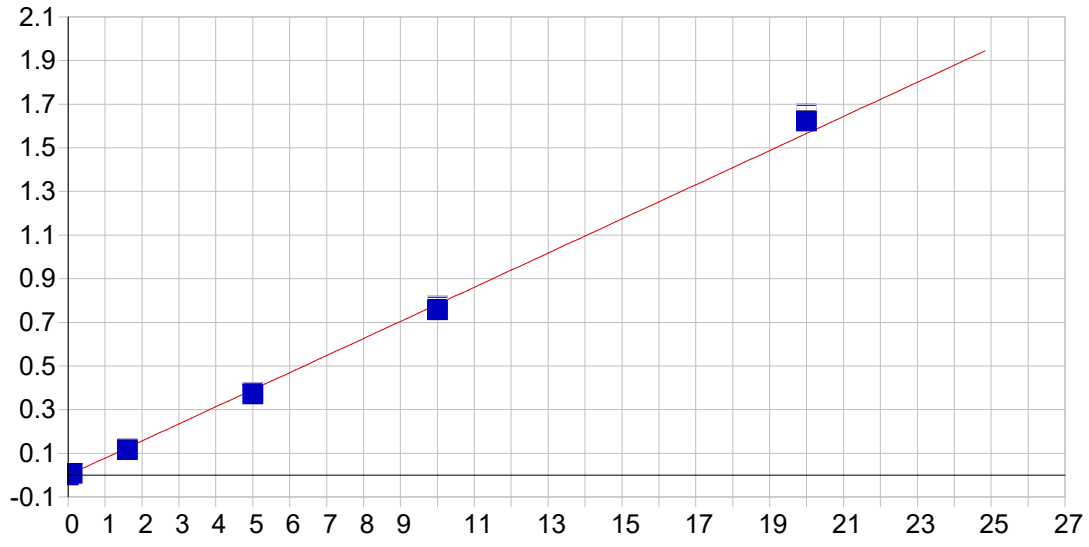
Sb 206.833 {463}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000133	Re-Slope:	1.000000
A1 (Gain):	0.186031	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999659	Status:	OK.
Std Error of Est:	0.000181		
Predicted MDL:	0.001093		
Predicted MQL:	0.003644		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00013	.000	1
S1	.05000	.04651	-.003	-6.98	.00880	.000	1
S3	2.5000	2.4182	-.082	-3.27	.45126	.001	1
S4	5.0000	4.8895	-.110	-2.21	.91226	.000	1
S5	10.000	10.234	.234	2.34	1.9089	.010	1
S2	.80000	.76223	-.038	-4.72	.14233	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



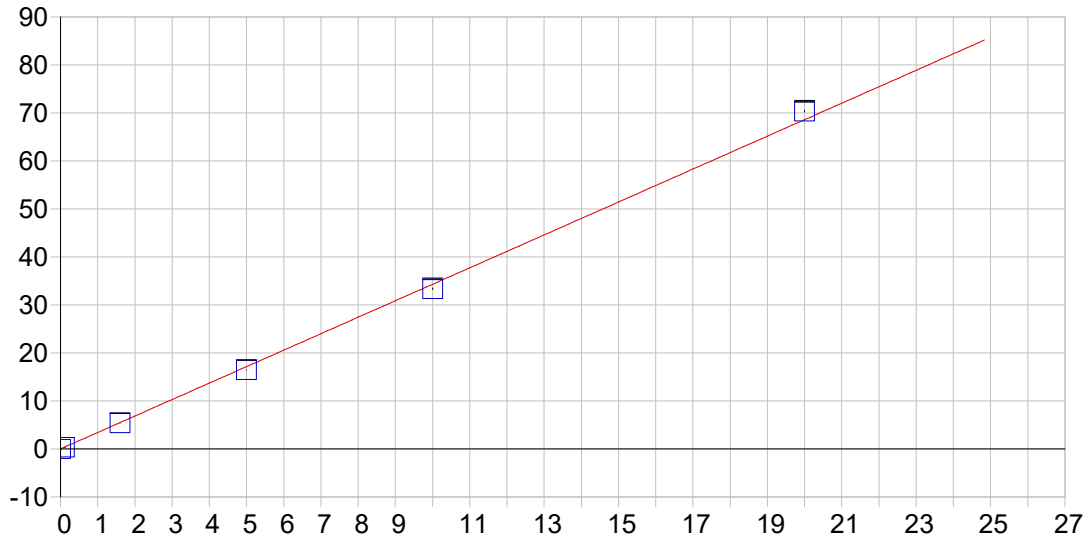
Al 396.152 { 85}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000090	Re-Slope:	1.000000
A1 (Gain):	0.078281	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999218	Status:	OK.
Std Error of Est:	0.000234		
Predicted MDL:	0.005132		
Predicted MQL:	0.017106		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00009	.000	1
S1	.10000	.09972	-.000	-.276	.00832	.000	1
S3	5.0000	4.7316	-.268	-5.37	.37790	.001	1
S4	10.000	9.6710	-.329	-3.29	.77215	.002	1
S5	20.000	20.716	.716	3.58	1.6520	.002	1
S2	1.6000	1.4812	-.119	-7.42	.11829	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



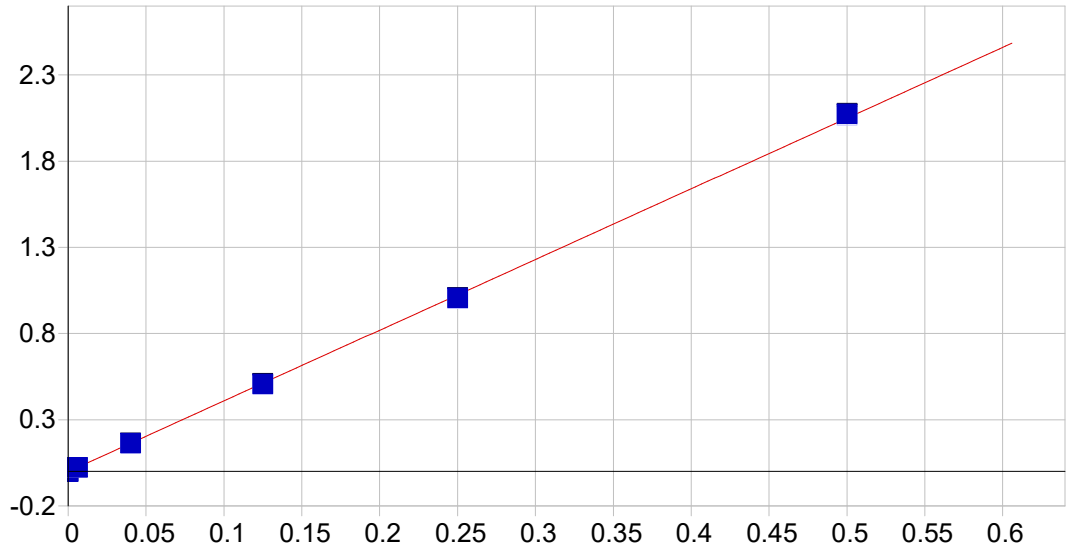
Ba 493.409 { 68}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004741	Re-Slope:	1.000000
A1 (Gain):	3.429821	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999595	Status:	OK.
Std Error of Est:	0.007237		
Predicted MDL:	0.000397		
Predicted MQL:	0.001322		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00472	.001	1
S1	.10000	.10007	.000	.073	.33849	.001	1
S3	5.0000	4.7950	-.205	-4.10	16.441	.032	1
S4	10.000	9.7265	-.274	-2.74	33.355	.173	1
S5	20.000	20.512	.512	2.56	70.348	.166	1
S2	1.6000	1.5662	-.034	-2.11	5.3671	.021	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



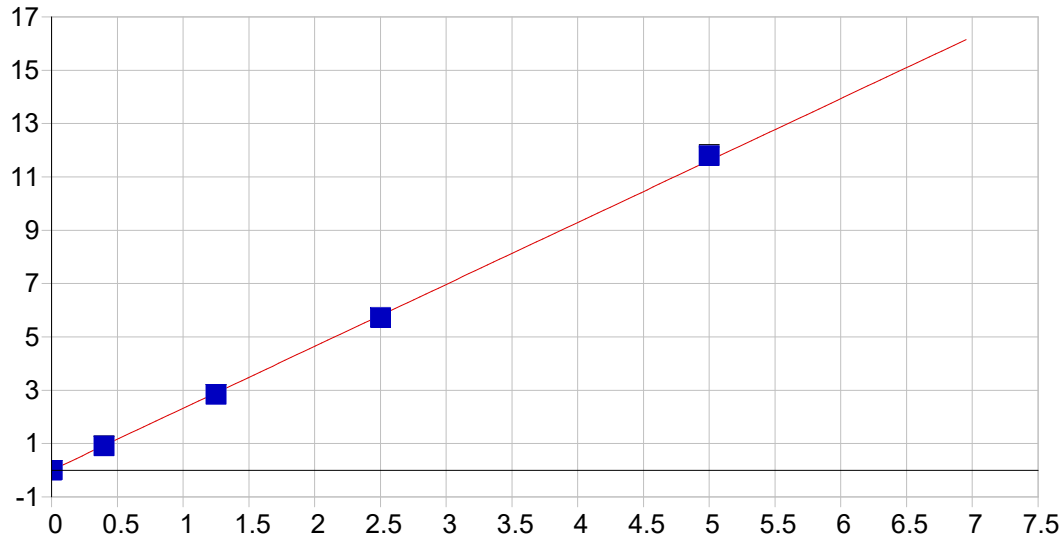
Be 234.861 {144}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000680	Re-Slope:	1.000000
A1 (Gain):	4.100616	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999891	Status:	OK.
Std Error of Est:	0.000173		
Predicted MDL:	0.000050		
Predicted MQL:	0.000167		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00068	.000	1
S1	.00600	.00559	-.000	-6.85	.02206	.000	1
S3	.12500	.12367	-.001	-1.07	.50414	.004	1
S4	.25000	.24553	-.004	-1.79	1.0016	.003	1
S5	.50000	.50618	.006	1.24	2.0658	.004	1
S2	.04000	.04003	.000	.076	.16274	.001	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



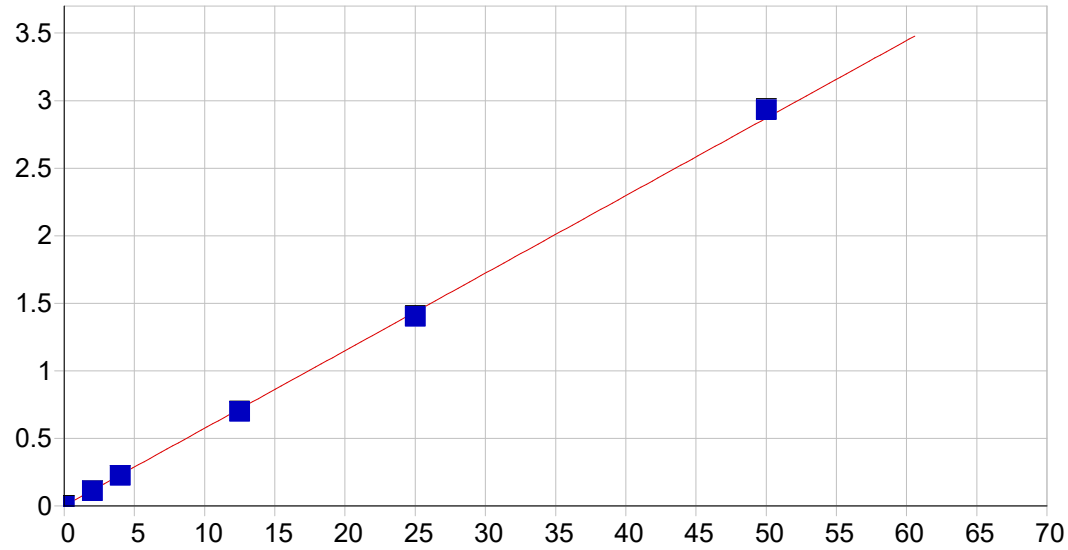
Cd 226.502 {449}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000104	Re-Slope:	1.000000
A1 (Gain):	2.322652	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999859	Status:	OK.
Std Error of Est:	0.000354		
Predicted MDL:	0.000074		
Predicted MQL:	0.000247		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.00600	.00541	-.001	-9.86	.01251	.000	1
S3	1.2500	1.2224	-.028	-2.20	2.8412	.004	1
S4	2.5000	2.4643	-.036	-1.43	5.7275	.006	1
S5	5.0000	5.0748	.075	1.50	11.795	.038	1
S2	.40000	.38914	-.011	-2.72	.90437	.002	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



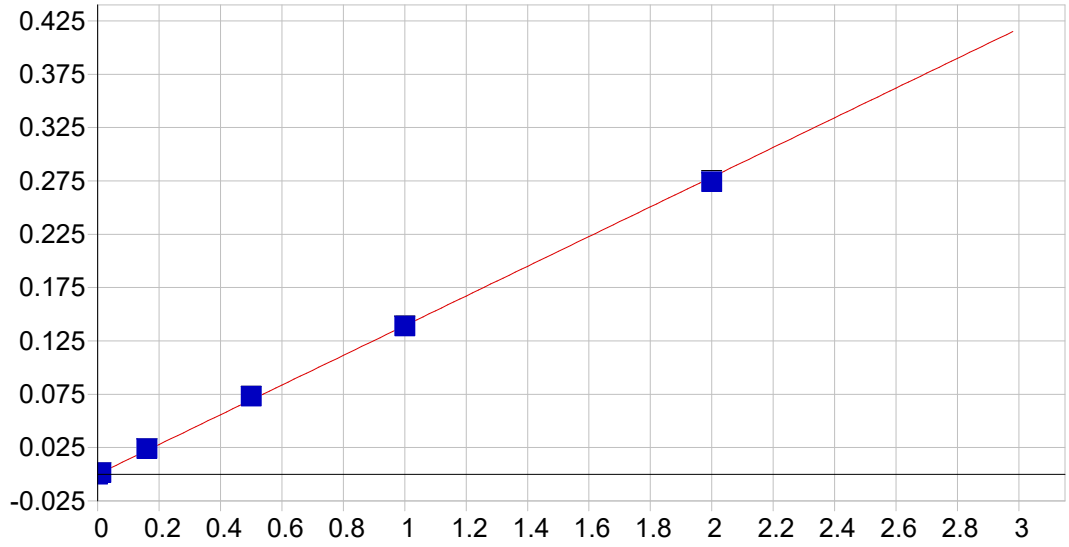
Ca 373.690 { 90}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000986	Re-Slope:	1.000000
A1 (Gain):	0.057390	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999726	Status:	OK.
Std Error of Est:	0.000710		
Predicted MDL:	0.006795		
Predicted MQL:	0.022652		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00018	.000	.000	.00100	.000	1
S2	4.0000	3.9009	-.099	-2.48	.22486	.001	1
S3	12.500	12.165	-.335	-2.68	.69916	.003	1
S4	25.000	24.424	-.576	-2.30	1.4027	.003	1
S5	50.000	51.086	1.09	2.17	2.9328	.008	1
S1	2.0000	1.9242	-.076	-3.79	.11141	.001	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



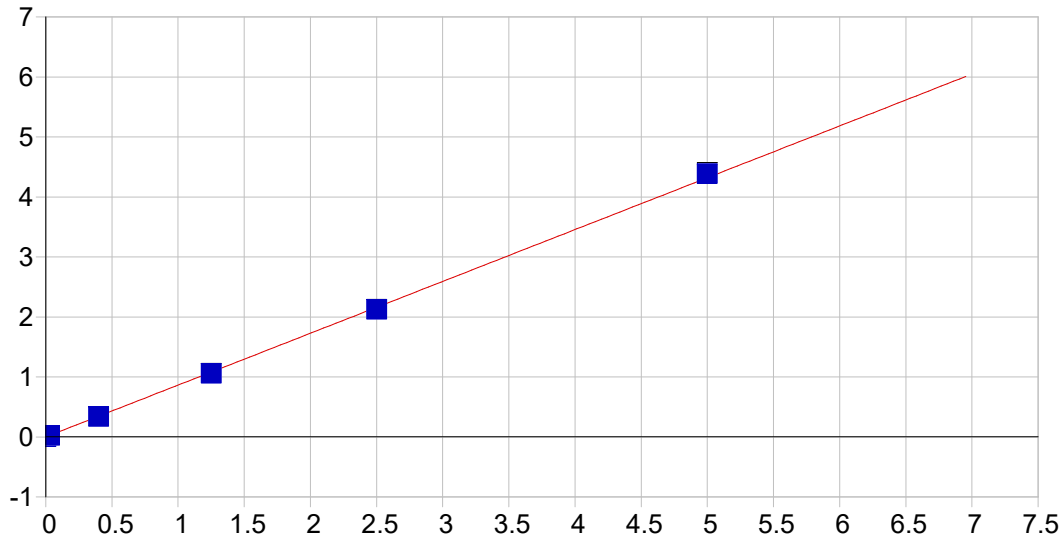
Cr 267.716 {126}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000032	Re-Slope:	1.000000
A1 (Gain):	0.139251	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999670	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.000444		
Predicted MQL:	0.001479		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00003	.000	1
S1	.01000	.00978	-.000	-2.18	.00139	.000	1
S3	.50000	.52372	.024	4.74	.07298	.000	1
S4	1.0000	.99748	-.003	-.252	.13897	.000	1
S5	2.0000	1.9679	-.032	-1.61	.27415	.001	1
S2	.16000	.17113	.011	6.95	.02387	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



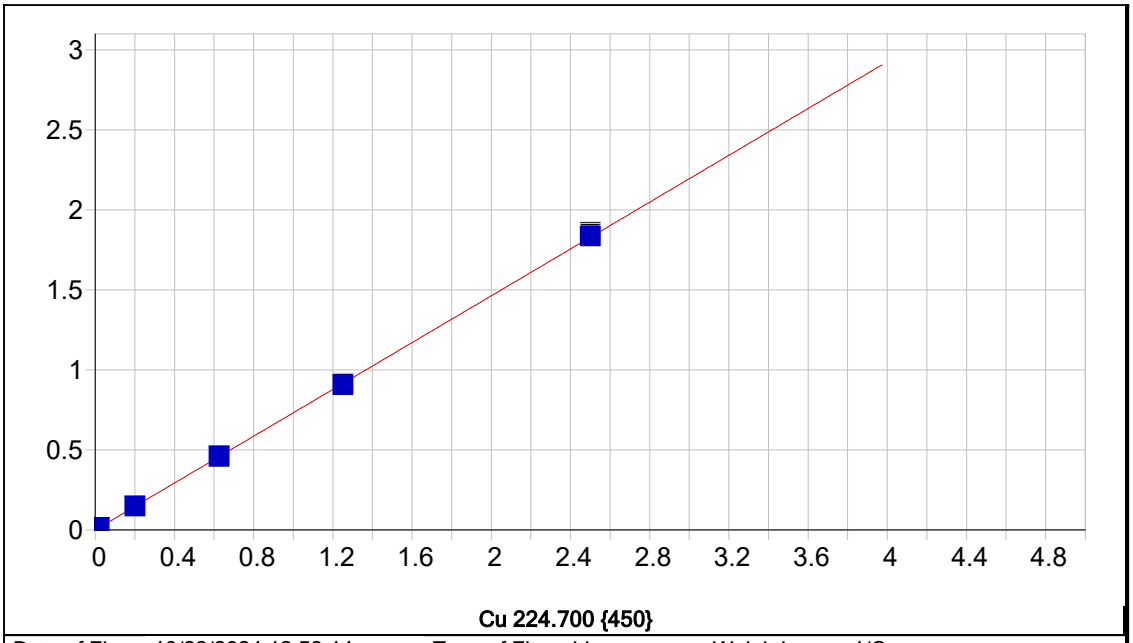
Co 228.616 {448}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000067	Re-Slope:	1.000000
A1 (Gain):	0.863862	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999850	Status:	OK.
Std Error of Est:	0.000304		
Predicted MDL:	0.000179		
Predicted MQL:	0.000596		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00006	.000	1
S1	.03000	.02866	-.001	-4.46	.02458	.000	1
S3	1.2500	1.2241	-.026	-2.08	1.0592	.002	1
S4	2.5000	2.4575	-.043	-1.70	2.1265	.001	1
S5	5.0000	5.0787	.079	1.57	4.3945	.015	1
S2	.40000	.39114	-.009	-2.21	.33841	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



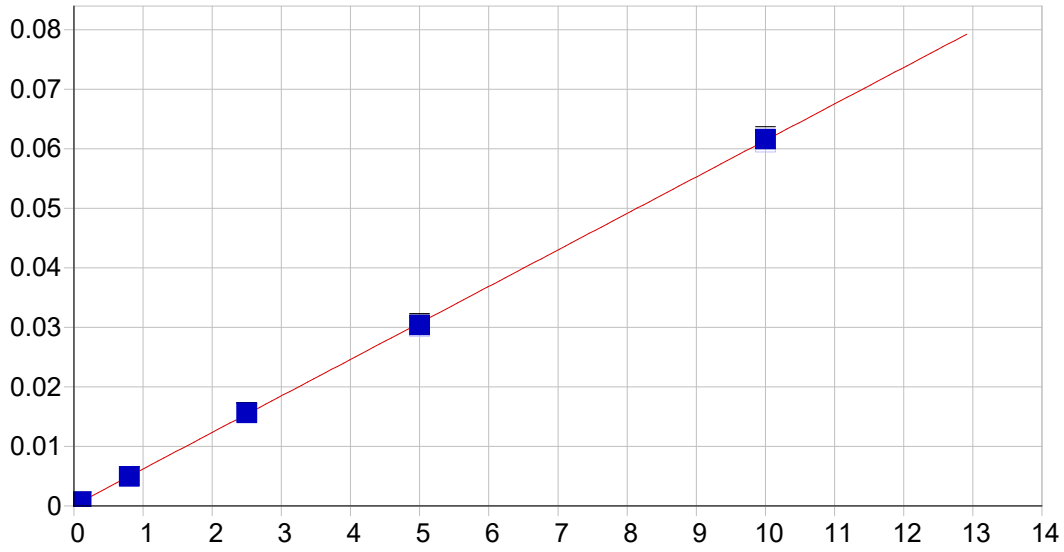
Cu 224.700 {450}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000453	Re-Slope:	1.000000
A1 (Gain):	0.731453	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000049		
Predicted MDL:	0.000363		
Predicted MQL:	0.001209		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00045	.000	1
S1	.02000	.02013	.000	.652	.01536	.000	1
S3	.62500	.62540	.000	.065	.46226	.001	1
S4	1.2500	1.2387	-.011	-.906	.91520	.001	1
S5	2.5000	2.5093	.009	.373	1.8533	.007	1
S2	.20000	.20147	.001	.733	.14921	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



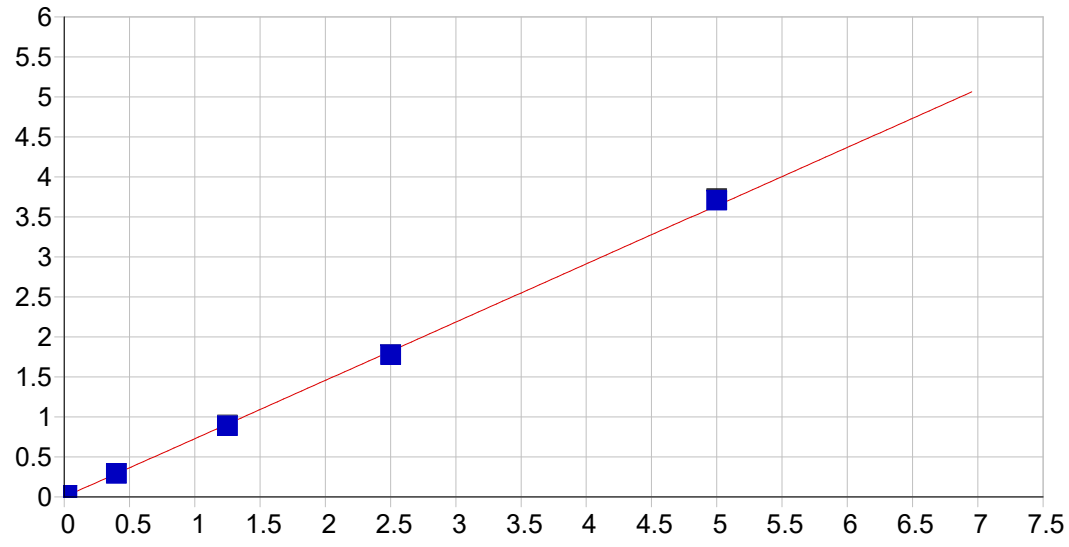
Fe 240.488 {140}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000086	Re-Slope:	1.000000
A1 (Gain):	0.006133	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000003		
Predicted MDL:	0.003813		
Predicted MQL:	0.012710		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.10000	.09692	-.003	-3.08	.00067	.000	1
S3	2.5000	2.5400	.040	1.60	.01553	.000	1
S4	5.0000	4.9363	-.064	-1.27	.03010	.000	1
S5	10.000	10.033	.033	.330	.06109	.000	1
S2	.80000	.79372	-.006	-.785	.00491	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



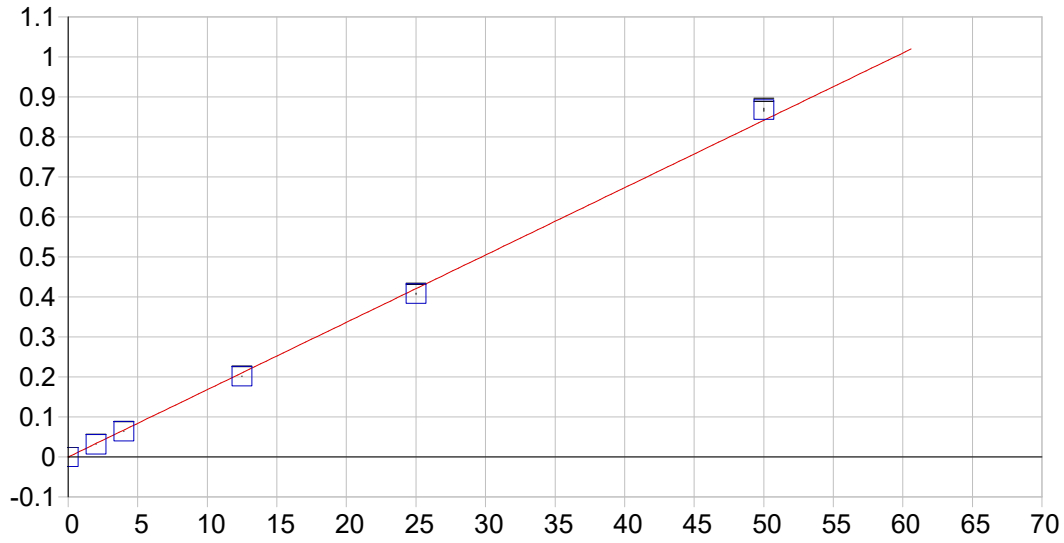
Mn 257.610 {131}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000076	Re-Slope:	1.000000
A1 (Gain):	0.728139	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999775	Status:	OK.
Std Error of Est:	0.000256		
Predicted MDL:	0.000235		
Predicted MQL:	0.000782		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.02000	.01979	-.000	-1.07	.01449	.000	1
S3	1.2500	1.2198	-.030	-2.41	.88845	.006	1
S4	2.5000	2.4363	-.064	-2.55	1.7744	.000	1
S5	5.0000	5.0940	.094	1.88	3.7100	.013	1
S2	.40000	.40010	.000	.025	.29146	.001	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



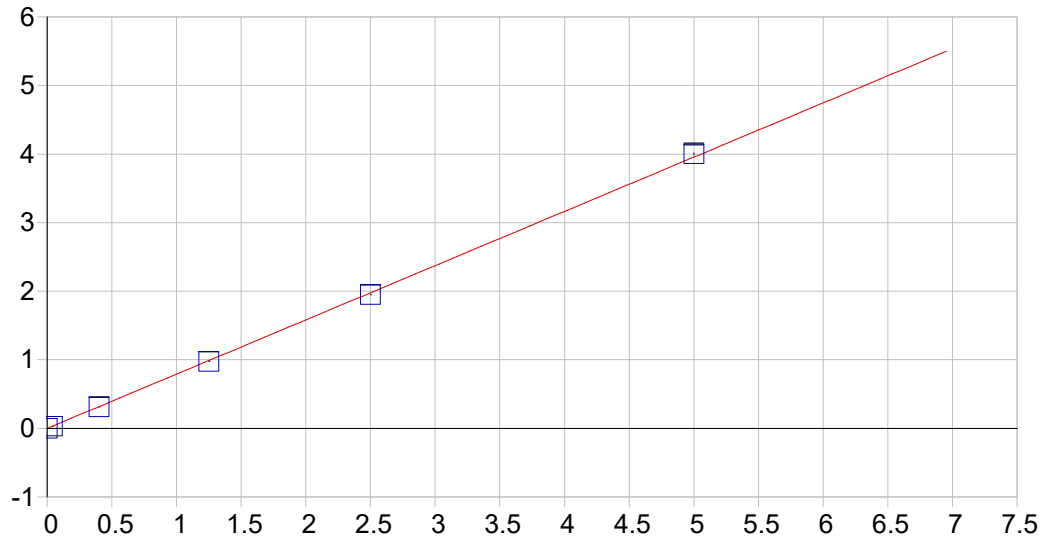
Mg 279.079 {121}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000147	Re-Slope:	1.000000
A1 (Gain):	0.016830	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999410	Status:	OK.
Std Error of Est:	0.000306		
Predicted MDL:	0.010562		
Predicted MQL:	0.035206		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00030	.000	.000	-.00014	.000	1
S2	4.0000	3.7978	-.202	-5.06	.06377	.000	1
S3	12.500	11.985	-.515	-4.12	.20156	.001	1
S4	25.000	24.258	-.742	-2.97	.40811	.002	1
S5	50.000	51.578	1.58	3.16	.86792	.004	1
S1	2.0000	1.8809	-.119	-5.95	.03151	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



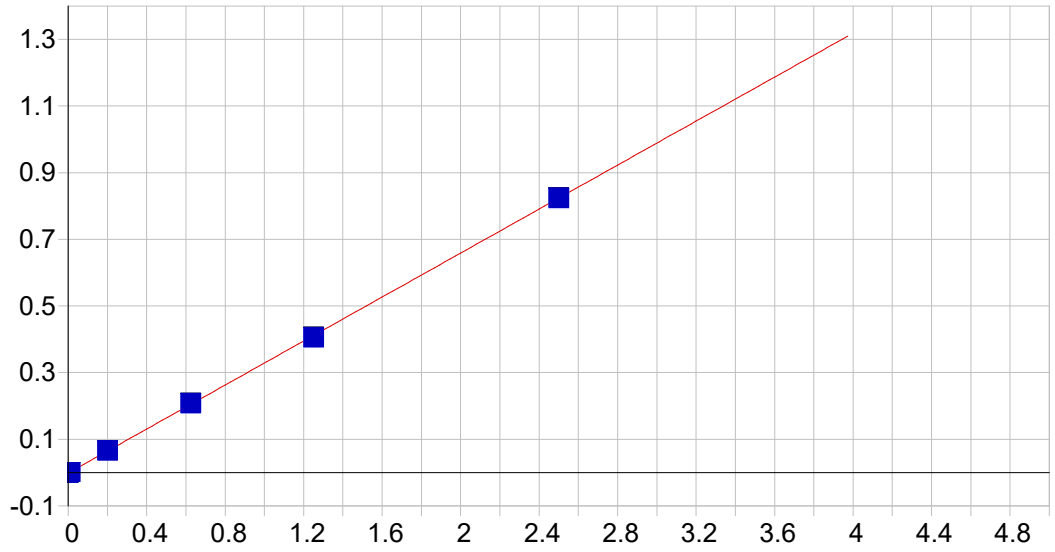
Ni 231.604 {446}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000337	Re-Slope:	1.000000
A1 (Gain):	0.790932	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999908	Status:	OK.
Std Error of Est:	0.000251		
Predicted MDL:	0.000237		
Predicted MQL:	0.000789		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.04000	.03781	-.002	-5.48	.02957	.000	1
S3	1.2500	1.2315	-.019	-1.48	.97366	.002	1
S4	2.5000	2.4655	-.034	-1.38	1.9497	.002	1
S5	5.0000	5.0607	.061	1.21	4.0023	.014	1
S2	.40000	.39452	-.005	-1.37	.31170	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



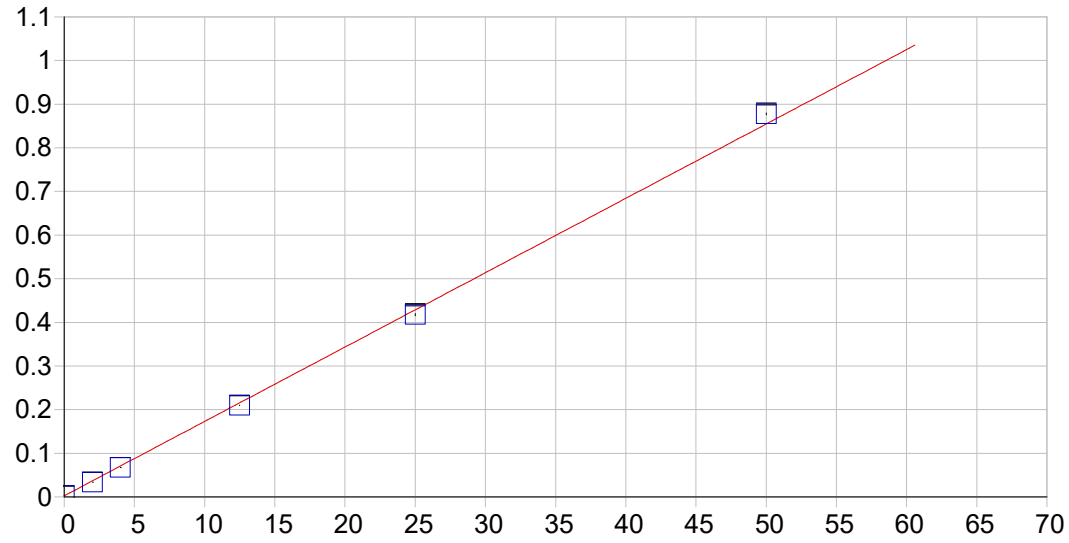
Ag 328.068 {103}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001253	Re-Slope:	1.000000
A1 (Gain):	0.330009	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.000298		
Predicted MQL:	0.000994		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00125	.000	1
S1	.01000	.01004	.000	.377	.00204	.000	1
S3	.62500	.63410	.009	1.46	.20719	.000	1
S4	1.2500	1.2347	-.015	-1.22	.40458	.000	1
S5	2.5000	2.5026	.003	.104	.82135	.001	1
S2	.20000	.20354	.004	1.77	.06566	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



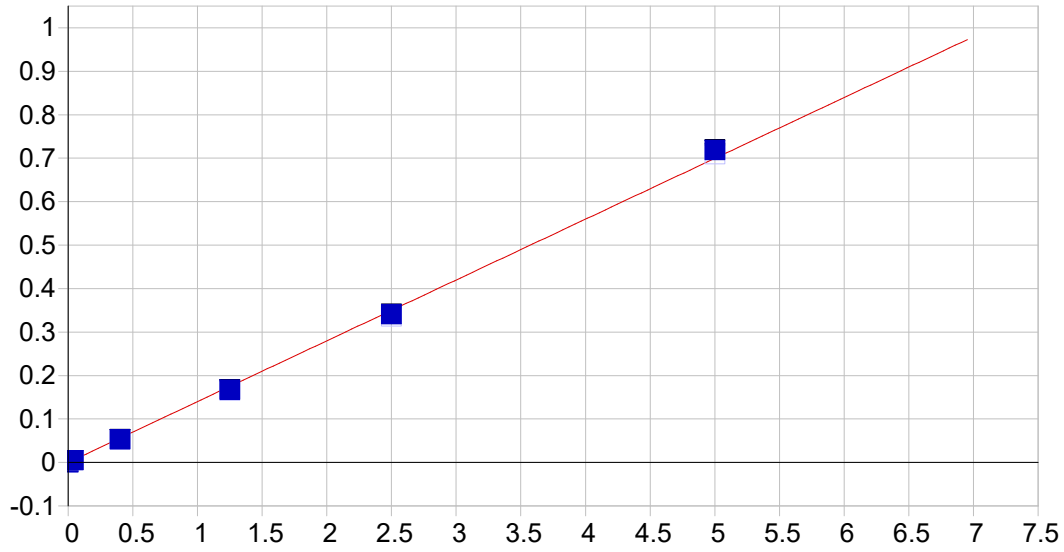
Na 589.592 { 57}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002627	Re-Slope:	1.000000
A1 (Gain):	0.017040	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999526	Status:	OK.
Std Error of Est:	0.000278		
Predicted MDL:	0.008489		
Predicted MQL:	0.028298		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	.00263	.000	1
S2	4.0000	3.8063	-.194	-4.84	.06749	.000	1
S3	12.500	12.150	-.350	-2.80	.20966	.001	1
S4	25.000	24.367	-.633	-2.53	.41783	.003	1
S5	50.000	51.358	1.36	2.72	.87775	.002	1
S1	2.0000	1.8184	-.182	-9.08	.03361	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



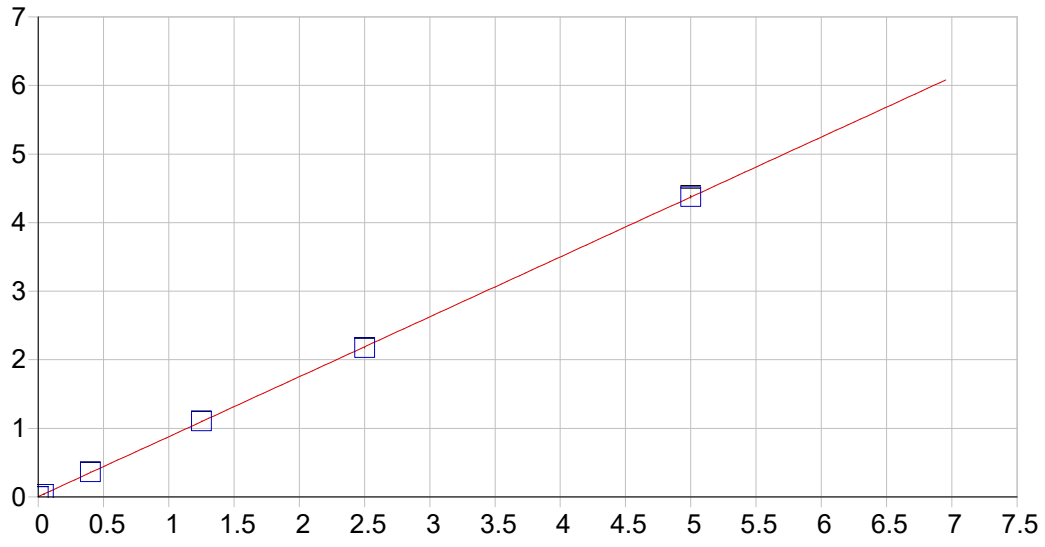
V 292.402 {115}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000009	Re-Slope:	1.000000
A1 (Gain):	0.139923	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999502	Status:	OK.
Std Error of Est:	0.000102		
Predicted MDL:	0.001304		
Predicted MQL:	0.004348		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00001	.000	1
S1	.04000	.03793	-.002	-5.16	.00511	.000	1
S3	1.2500	1.1977	-.052	-4.18	.16505	.001	1
S4	2.5000	2.4368	-.063	-2.53	.33587	.001	1
S5	5.0000	5.1389	.139	2.78	.70886	.001	1
S2	.40000	.37861	-.021	-5.35	.05217	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



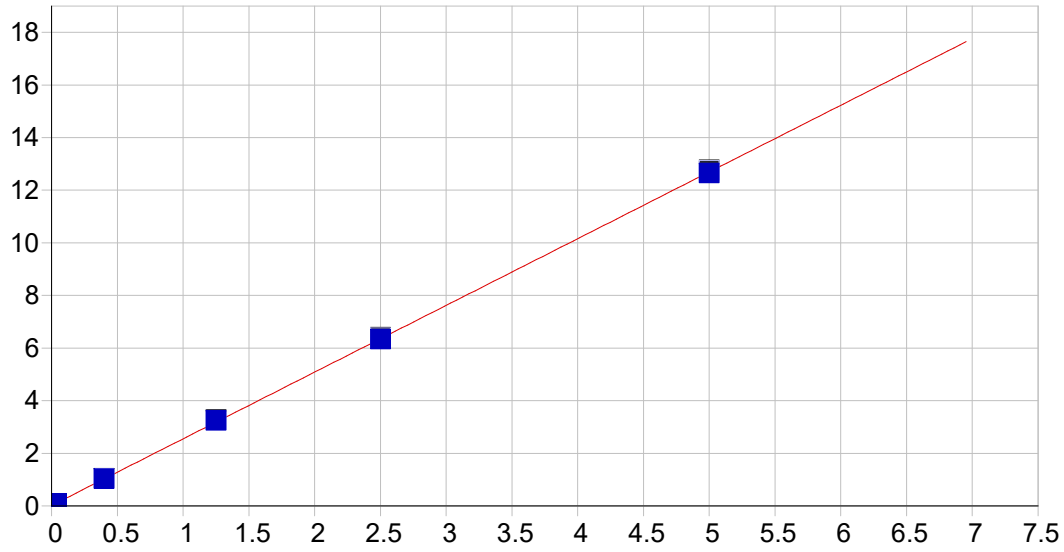
Zn 206.200 {464}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004466	Re-Slope:	1.000000
A1 (Gain):	0.873849	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000167		
Predicted MDL:	0.000189		
Predicted MQL:	0.000628		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00447	.000	1
S1	.04000	.03725	-.003	-6.88	.03702	.000	1
S3	1.2500	1.2595	.010	.763	1.1051	.003	1
S4	2.5000	2.4815	-.018	-.740	2.1729	.004	1
S5	5.0000	5.0026	.003	.052	4.3760	.019	1
S2	.40000	.40910	.009	2.27	.36195	.001	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



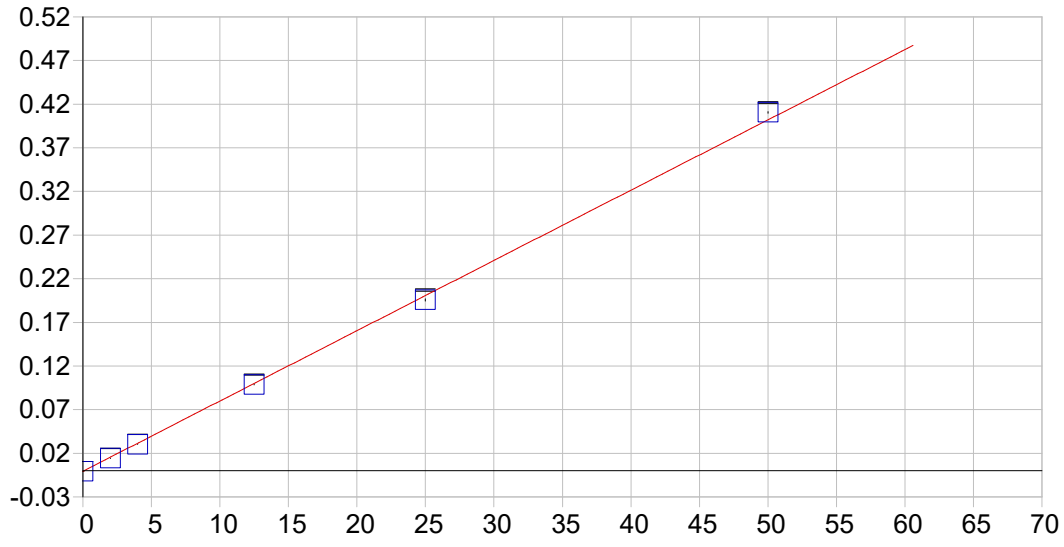
Zn 213.856 {158}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.014312	Re-Slope:	1.000000
A1 (Gain):	2.535845	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000553		
Predicted MDL:	0.000266		
Predicted MQL:	0.000886		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.01432	.001	1
S1	.04000	.03665	-.003	-8.38	.10796	.000	1
S3	1.2500	1.2732	.023	1.86	3.2651	.014	1
S4	2.5000	2.4933	-.007	-.270	6.3809	.024	1
S5	5.0000	4.9844	-.016	-.312	12.742	.028	1
S2	.40000	.40244	.002	.611	1.0419	.001	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



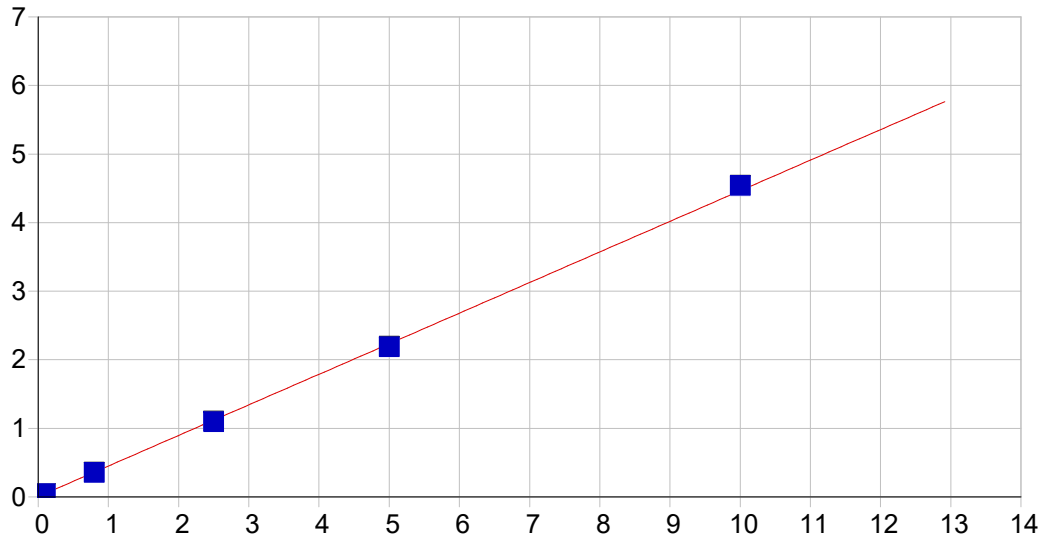
K 766.490 { 44}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000624	Re-Slope:	1.000000
A1 (Gain):	0.008053	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999695	Status:	OK.
Std Error of Est:	0.000105		
Predicted MDL:	0.021148		
Predicted MQL:	0.070494		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00026	.000	.000	-.00062	.000	1
S2	4.0000	3.8412	-.159	-3.97	.03031	.000	1
S3	12.500	12.357	-.143	-1.14	.09888	.001	1
S4	25.000	24.386	-.614	-2.46	.19574	.001	1
S5	50.000	51.066	1.07	2.13	.41059	.001	1
S1	2.0000	1.8500	-.150	-7.50	.01427	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



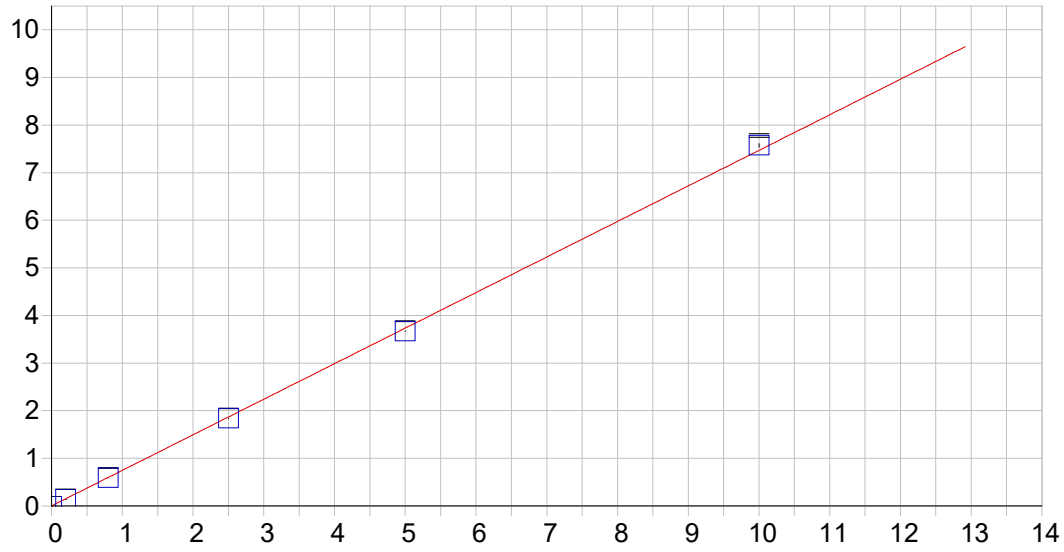
B 249.678 {135}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004001	Re-Slope:	1.000000
A1 (Gain):	0.446035	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999833	Status:	OK.
Std Error of Est:	0.000427		
Predicted MDL:	0.000561		
Predicted MQL:	0.001870		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00400	.000	1
S1	.10000	.09765	-.002	-2.35	.04736	.000	1
S3	2.5000	2.4465	-.053	-2.14	1.0931	.010	1
S4	5.0000	4.8990	-.101	-2.02	2.1847	.010	1
S5	10.000	10.166	.166	1.66	4.5299	.006	1
S2	.80000	.79039	-.010	-1.20	.35585	.001	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



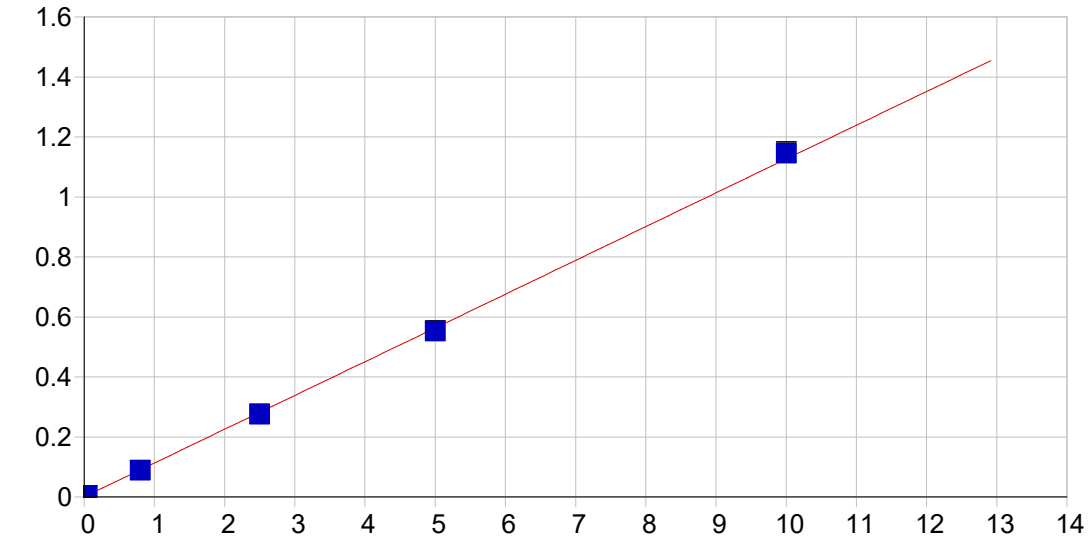
Mo 202.030 {467}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000102	Re-Slope:	1.000000
A1 (Gain):	0.746927	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999883	Status:	OK.
Std Error of Est:	0.000850		
Predicted MDL:	0.000232		
Predicted MQL:	0.000772		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00011	.000	1
S1	.20000	.19289	-.007	-3.56	.14418	.000	1
S3	2.5000	2.4621	-.038	-1.52	1.8391	.004	1
S4	5.0000	4.9173	-.083	-1.65	3.6730	.007	1
S5	10.000	10.140	.140	1.40	7.5736	.037	1
S2	.80000	.78811	-.012	-1.49	.58876	.001	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



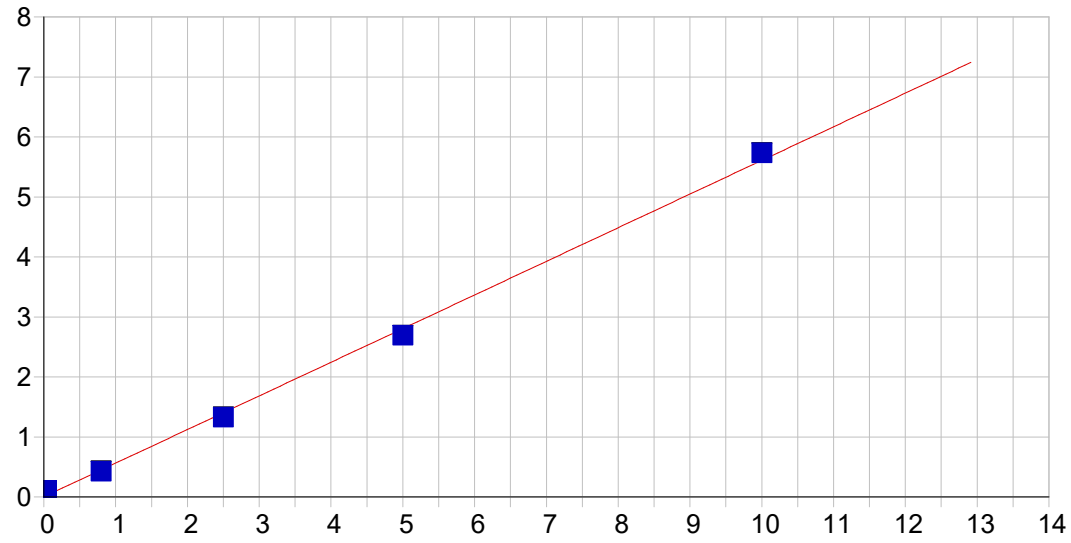
Sn 189.989 {478}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000273	Re-Slope:	1.000000
A1 (Gain):	0.112589	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999821	Status:	OK.
Std Error of Est:	0.000071		
Predicted MDL:	0.000701		
Predicted MQL:	0.002336		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00027	.000	1
S1	.04000	.03692	-.003	-7.71	.00442	.000	1
S3	2.5000	2.4451	-.055	-2.20	.27527	.001	1
S4	5.0000	4.9021	-.098	-1.96	.55162	.002	1
S5	10.000	10.171	.171	1.71	1.1443	.006	1
S2	.80000	.78495	-.015	-1.88	.08856	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



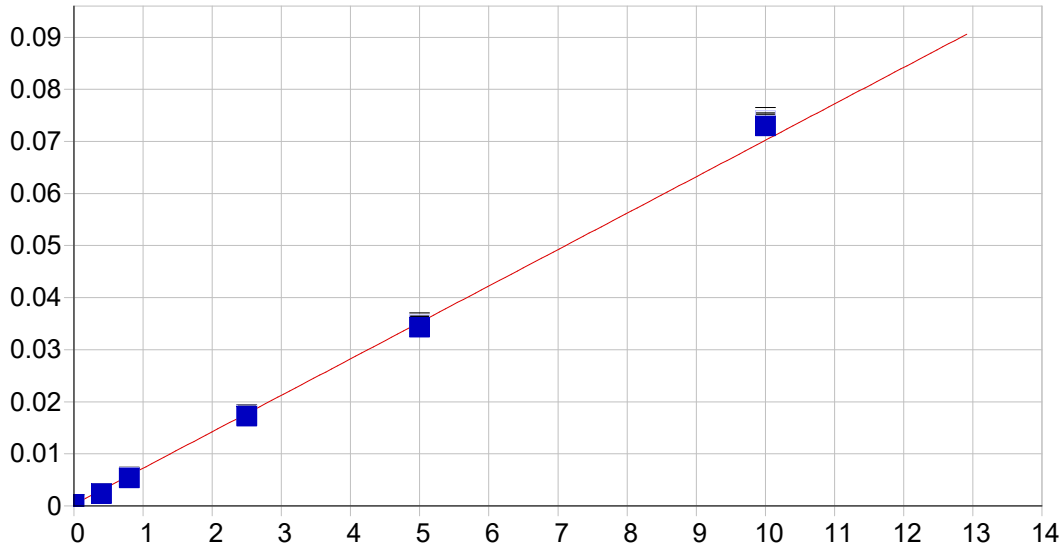
Ti 336.121 {100}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001554	Re-Slope:	1.000000
A1 (Gain):	0.560640	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.985284	Status:	OK.
Std Error of Est:	0.003223		
Predicted MDL:	0.000481		
Predicted MQL:	0.001604		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.00148	.000	1
S1	.04000	.18554	.146	364.	.10556	.000	1
S3	2.5000	2.3705	-.129	-5.18	1.3301	.005	1
S4	5.0000	4.7998	-.200	-4.00	2.6915	.003	1
S5	10.000	10.222	.222	2.22	5.7306	.008	1
S2	.80000	.76176	-.038	-4.78	.42847	.001	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



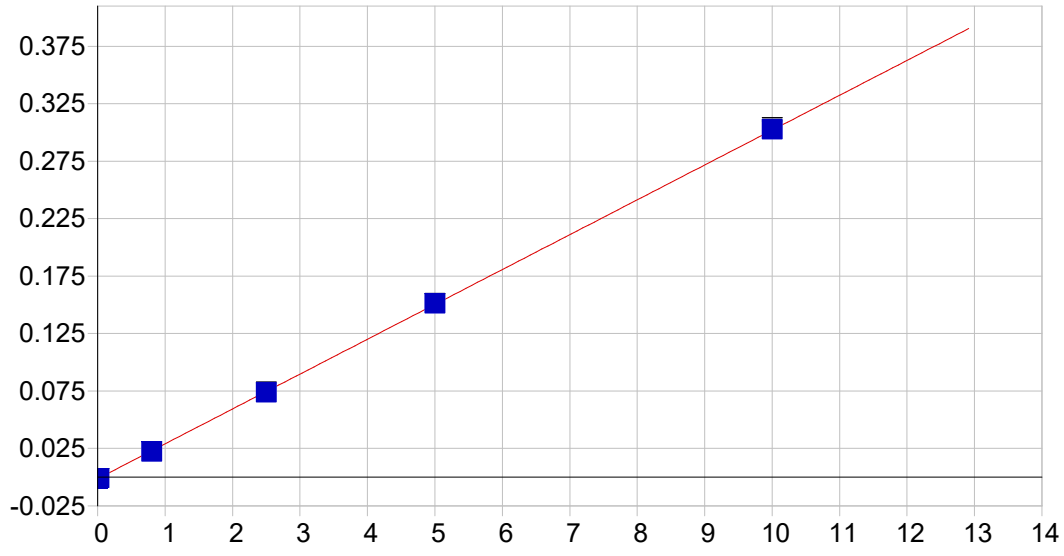
Si 288.158 {117}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000249	Re-Slope:	1.000000
A1 (Gain):	0.006997	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998583	Status:	OK.
Std Error of Est:	0.000040		
Predicted MDL:	0.005603		
Predicted MQL:	0.018676		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	.00025	.000	1
S1	.40000	.29541	-.105	-26.1	.00232	.000	1
S3	2.5000	2.4201	-.080	-3.20	.01744	.000	1
S4	5.0000	4.8646	-.135	-2.71	.03481	.000	1
S5	10.000	10.388	.388	3.88	.07398	.001	1
S2	.80000	.73077	-.069	-8.65	.00545	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



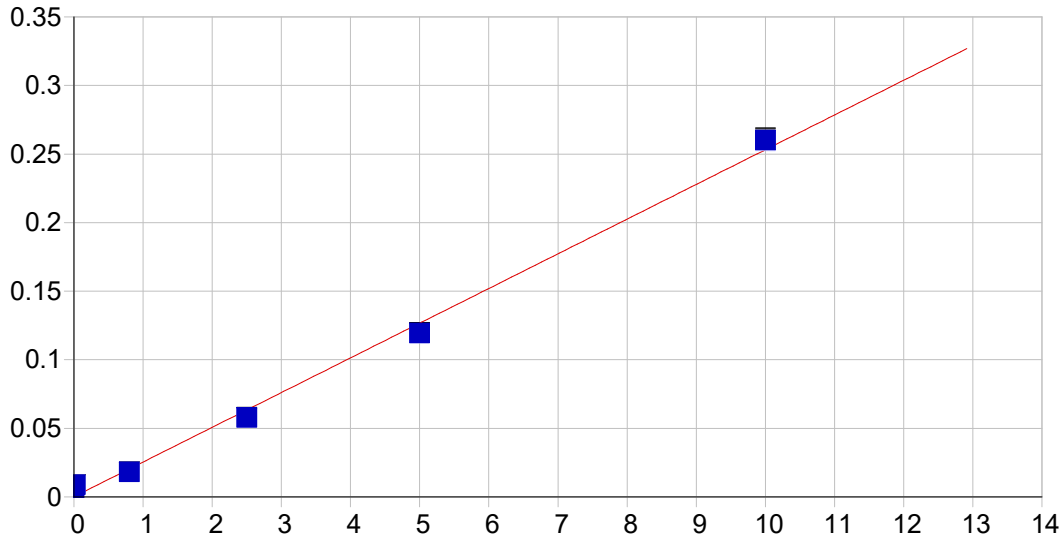
P 177.495 {490}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001307	Re-Slope:	1.000000
A1 (Gain):	0.030337	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999934	Status:	OK.
Std Error of Est:	0.000008		
Predicted MDL:	0.002453		
Predicted MQL:	0.008175		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00131	.000	1
S1	.02000	.01487	-.005	-25.7	-.00086	.000	1
S3	2.5000	2.4762	-.024	-.952	.07380	.000	1
S4	5.0000	5.0268	.027	.535	.15117	.000	1
S5	10.000	10.025	.025	.251	.30278	.001	1
S2	.80000	.77712	-.023	-2.86	.02227	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



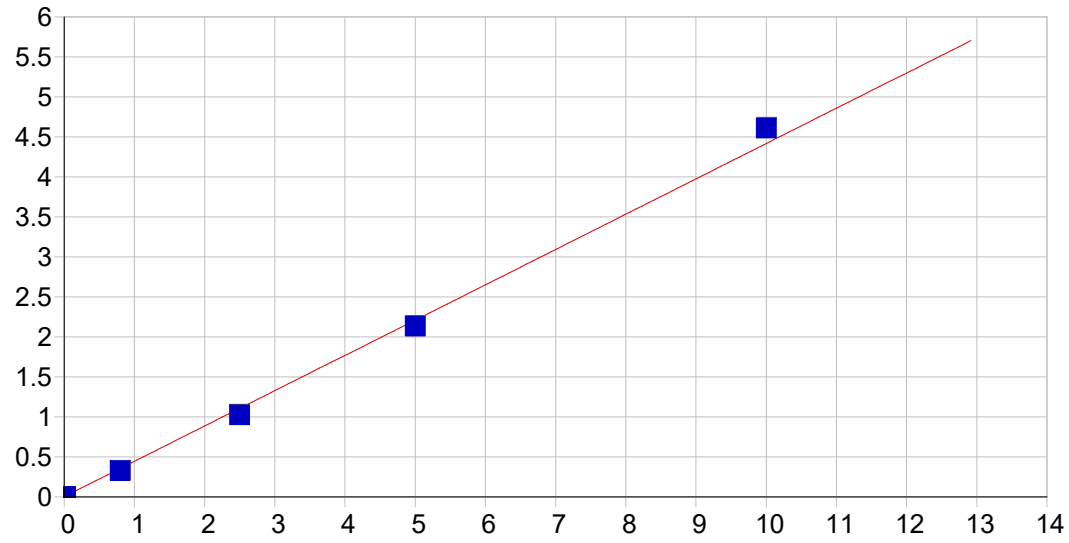
S 182.034 {485}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000151	Re-Slope:	1.000000
A1 (Gain):	0.025301	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.879686	Status:	OK.
Std Error of Est:	0.000320		
Predicted MDL:	0.002897		
Predicted MQL:	0.009657		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00032	-.000	.000	.00014	.000	1
S1	.02000	.34459	.325	1620.	.00885	.000	1
S3	2.5000	2.2770	-.223	-8.92	.05760	.000	1
S4	5.0000	4.7175	-.282	-5.65	.11918	.000	1
S5	10.000	10.278	.278	2.78	.25954	.002	1
S2	.80000	.71586	-.084	-10.5	.01821	.000	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



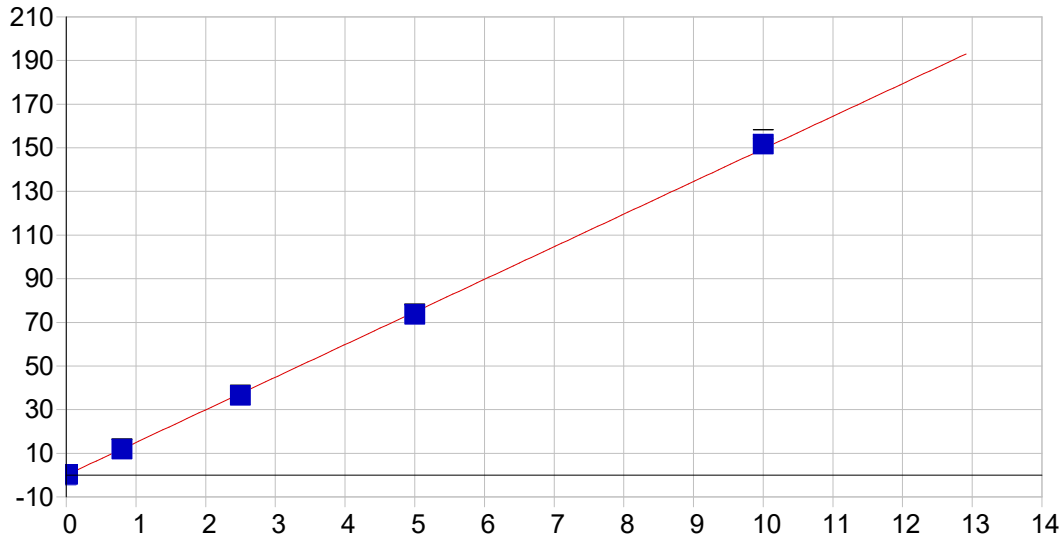
Li 670.784 { 50}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003779	Re-Slope:	1.000000
A1 (Gain):	0.441280	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998794	Status:	OK.
Std Error of Est:	0.000509		
Predicted MDL:	0.001735		
Predicted MQL:	0.005784		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00378	.000	1
S5	10.000	10.431	.431	4.31	4.6105	.008	1
S4	5.0000	4.8246	-.175	-3.51	2.1348	.007	1
S3	2.5000	2.3138	-.186	-7.45	1.0258	.007	1
S1	.02000	.01784	-.002	-10.8	.01181	.000	1
S2	.80000	.73328	-.067	-8.34	.32768	.002	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175



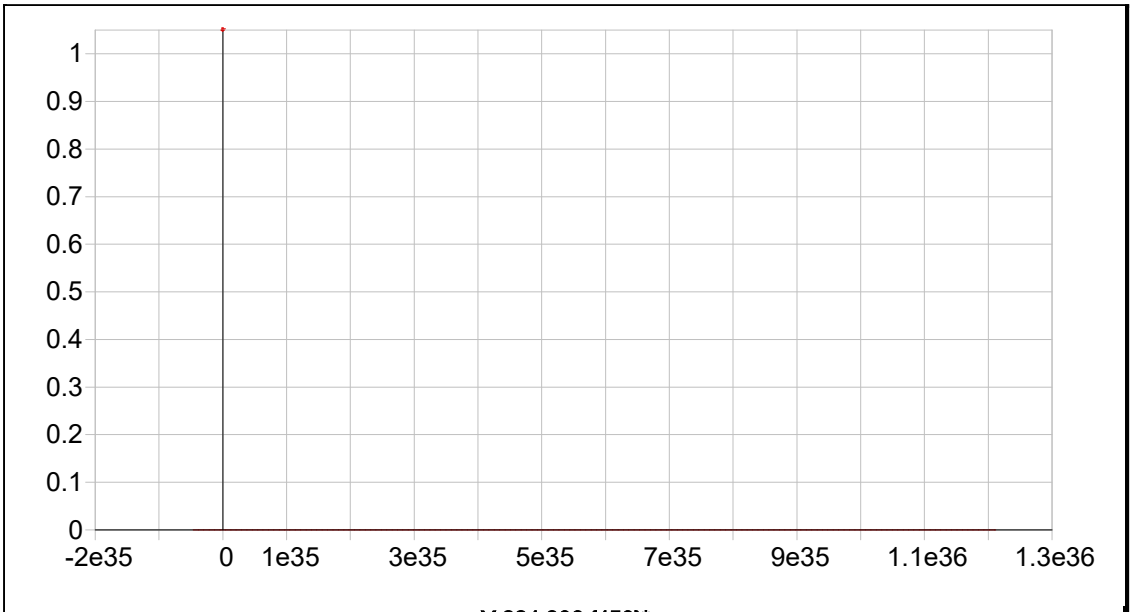
Sr 407.771 { 83}

Date of Fit:	10/28/2024 12:53:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000351	Re-Slope:	1.000000
A1 (Gain):	14.948816	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999875	Status:	OK.
Std Error of Est:	0.005543		
Predicted MDL:	0.000030		
Predicted MQL:	0.000101		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00033	.000	1
S1	.02000	.01933	-.001	-3.35	.29009	.002	1
S3	2.5000	2.4404	-.060	-2.38	36.519	.146	1
S4	5.0000	4.9246	-.075	-1.51	73.692	.167	1
S5	10.000	10.141	.141	1.41	151.74	2.03	1
S2	.80000	.79496	-.005	-.630	11.895	.046	1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

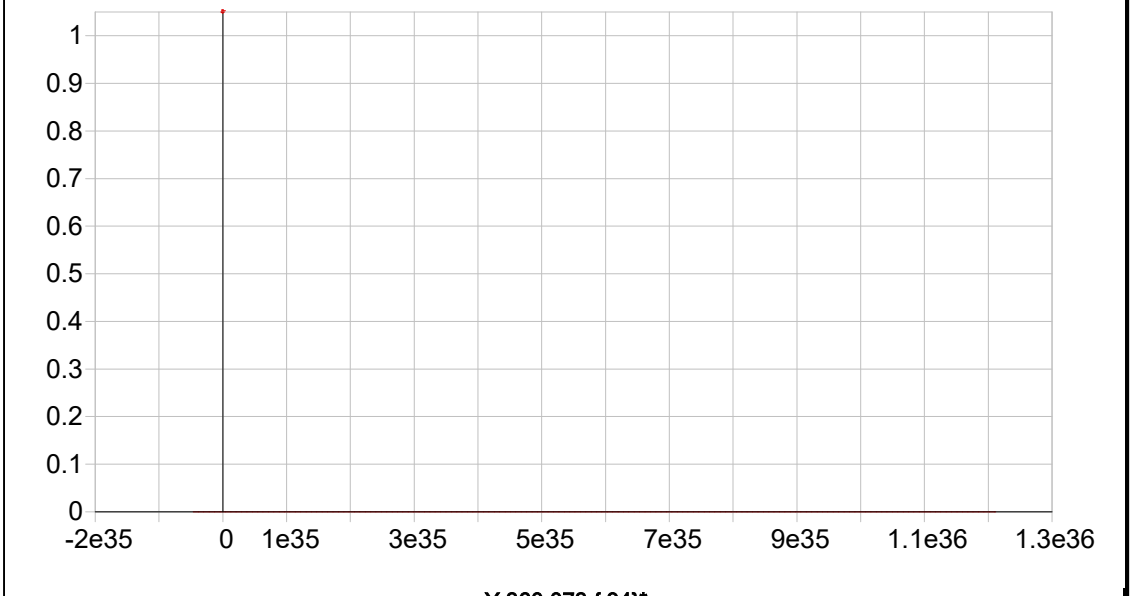


Y 224.306 {450}*

Date of Fit:	10/28/2024 12:53:14	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



Y 360.073 { 94}*

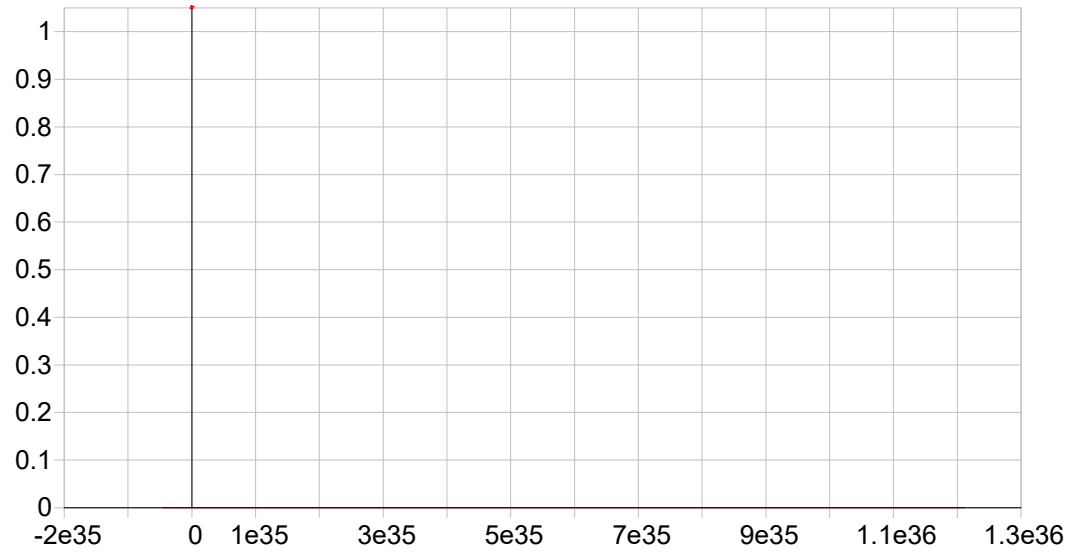
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

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



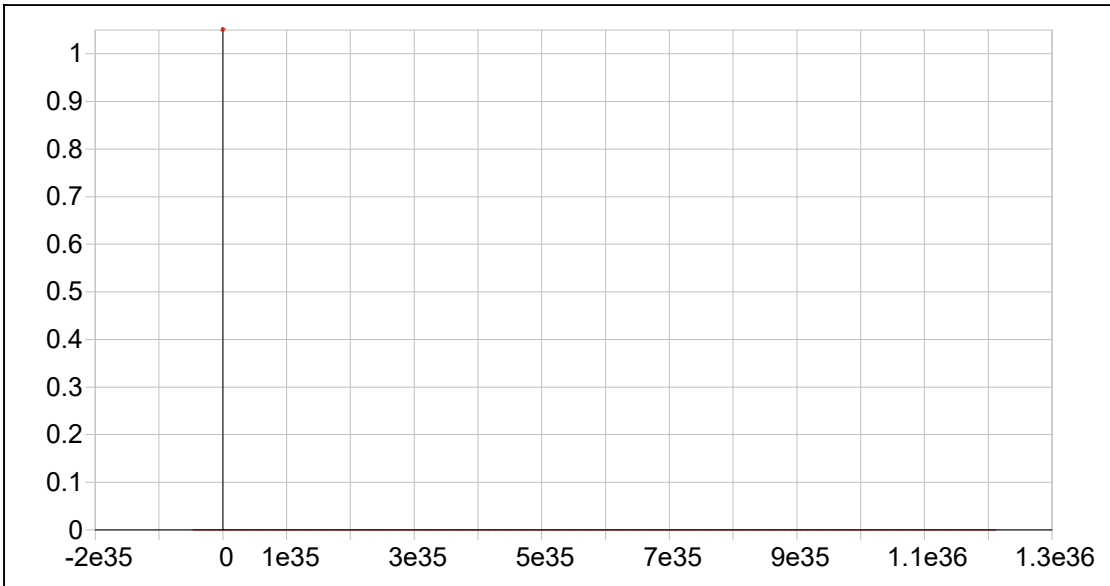
Y 371.030 { 91}*

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

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

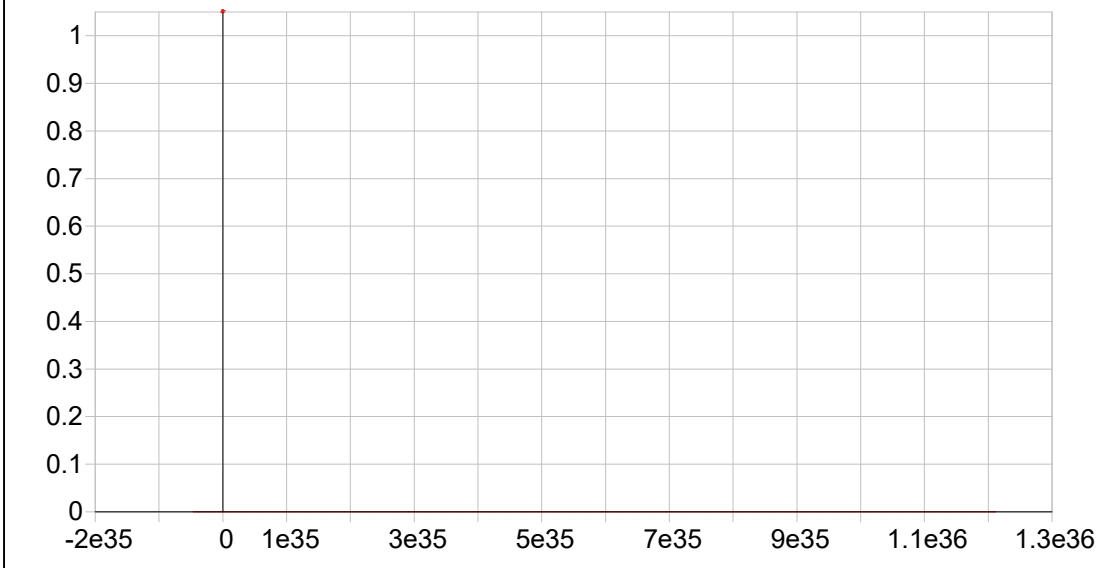


Y 224.306 {150}*

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



In 230.606 {446}*

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

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

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

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S0 Acquired: 10/28/2024 11:58:55 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	-.00018	-.00013	-.00018	.00048	.00013	-.00009	-.00472	-.00068
Stddev	.00017	.00006	.00012	.00015	.00022	.00004	.00050	.00010
%RSD	94.740	50.347	64.164	31.004	166.89	41.728	10.623	15.185
#1	-.00028	-.00017	-.00019	.00064	-.00000	-.00012	-.00476	-.00078
#2	-.00027	-.00015	-.00029	.00038	.00039	-.00005	-.00520	-.00057
#3	.00002	-.00005	-.00006	.00040	.00001	-.00009	-.00420	-.00068

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	-.00010	.00100	.00003	-.00006	.00045	.00009	.00008	-.00014
Stddev	.00015	.00026	.00007	.00014	.00009	.00001	.00005	.00014
%RSD	146.29	26.144	213.60	212.62	19.581	17.117	69.936	98.439
#1	-.00027	.00096	.00004	-.00021	.00050	.00010	.00014	-.00024
#2	-.00005	.00127	-.00004	-.00003	.00051	.00007	.00005	-.00020
#3	.00001	.00076	.00009	.00005	.00035	.00009	.00004	.00002

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00033	-.00125	.00263	.00001	.01432	-.00062	.00400	.00011
Stddev	.00006	.00005	.00009	.00010	.00081	.00012	.00028	.00008
%RSD	16.881	4.1745	3.2438	1003.4	5.6276	19.948	6.9212	71.361
#1	-.00039	-.00129	.00270	-.00010	.01466	-.00073	.00400	.00017
#2	-.00034	-.00128	.00267	.00004	.01340	-.00049	.00373	.00015
#3	-.00027	-.00119	.00254	.00009	.01490	-.00065	.00428	.00002

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00027	.00148	.00025	-.00131	.00014	.00378	-.00033
Stddev	.00003	.00014	.00002	.00006	.00009	.00031	.00034
%RSD	12.065	9.4798	8.6562	4.2319	66.540	8.0729	103.14
#1	.00026	.00131	.00023	-.00127	.00019	.00372	-.00009
#2	.00025	.00155	.00027	-.00128	.00021	.00411	-.00072
#3	.00031	.00156	.00026	-.00137	.00003	.00351	-.00018

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S0 Acquired: 10/28/2024 11:58:55 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3307.4	67756.	13986.	2419.2	5364.6
Stddev	11.8	114.	44.	6.7	16.5
%RSD	.35793	.16802	.31644	.27799	.30808
#1	3295.0	67658.	13941.	2413.4	5351.4
#2	3308.5	67881.	13987.	2417.6	5359.2
#3	3318.6	67730.	14029.	2426.6	5383.1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S1 Acquired: 10/28/2024 12:03:21 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.00095	.00220	.00237	.00204	.00880	.00832	.33849	.02206
Stddev	.00004	.00012	.00011	.00013	.00003	.00029	.00109	.00025
%RSD	4.0575	5.5262	4.6531	6.1312	.30256	3.4489	.32167	1.1540
#1	.00093	.00216	.00233	.00207	.00878	.00814	.33817	.02204
#2	.00099	.00234	.00227	.00191	.00881	.00817	.33760	.02181
#3	.00092	.00210	.00249	.00215	.00883	.00865	.33971	.02232

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	.01251	.11141	.00139	.02458	.01536	.00067	.01449	.03151
Stddev	.00018	.00064	.00006	.00023	.00021	.00001	.00007	.00028
%RSD	1.4453	.57077	4.4247	.93596	1.3941	.93029	.50611	.89844
#1	.01253	.11069	.00146	.02437	.01556	.00067	.01448	.03143
#2	.01232	.11168	.00138	.02456	.01540	.00068	.01442	.03128
#3	.01268	.11187	.00134	.02482	.01513	.00068	.01457	.03182

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02957	.00204	.03361	.00511	.10796	.01427	.04736	.14418
Stddev	.00015	.00004	.00007	.00008	.00043	.00016	.00018	.00025
%RSD	.51398	1.8586	.20355	1.4689	.40001	1.1034	.38480	.17498
#1	.02971	.00207	.03354	.00516	.10747	.01427	.04725	.14434
#2	.02941	.00205	.03361	.00502	.10830	.01443	.04727	.14389
#3	.02957	.00199	.03368	.00514	.10809	.01412	.04757	.14430

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00442	.10556	.00232	-.00086	.00885	.01181	.29009
Stddev	.00004	.00020	.00001	.00009	.00004	.00005	.00161
%RSD	.80334	.18546	.57412	10.123	.45707	.42929	.55555
#1	.00442	.10542	.00233	-.00089	.00887	.01178	.28986
#2	.00439	.10548	.00233	-.00092	.00880	.01178	.28861
#3	.00446	.10578	.00231	-.00076	.00887	.01187	.29180

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S1 Acquired: 10/28/2024 12:03:21 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.6	70131.	14069.	2504.3	5278.4
Stddev	1.4	93.	82.	7.4	2.2
%RSD	.04260	.13249	.58558	.29560	.04092
#1	3324.2	70128.	14110.	2509.1	5280.6
#2	3321.6	70040.	14123.	2495.8	5278.4
#3	3322.1	70225.	13974.	2508.1	5276.3

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S2 Acquired: 10/28/2024 12:07:46 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.04604	.05527	.18969	.07060	.14233	.11829	5.3671	.16274
Stddev	.00007	.00117	.00027	.00018	.00020	.00043	.0207	.00128
%RSD	.16047	2.1139	.14091	.26127	.13727	.35951	.38564	.78820
#1	.04600	.05659	.18956	.07076	.14242	.11873	5.3877	.16400
#2	.04599	.05485	.18950	.07065	.14248	.11788	5.3463	.16144
#3	.04612	.05437	.18999	.07040	.14211	.11826	5.3674	.16277

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	.90437	.22486	.02387	.33841	.14921	.00491	.29146	.06377
Stddev	.00182	.00062	.00009	.00035	.00038	.00002	.00102	.00042
%RSD	.20164	.27627	.37897	.10221	.25680	.30639	.35167	.65266
#1	.90538	.22438	.02384	.33874	.14931	.00490	.29155	.06331
#2	.90227	.22463	.02379	.33844	.14954	.00490	.29040	.06389
#3	.90546	.22556	.02397	.33805	.14879	.00493	.29245	.06411

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.31170	.06566	.06749	.05217	1.0419	.03031	.35585	.58876
Stddev	.00047	.00014	.00015	.00010	.0008	.00022	.00136	.00061
%RSD	.15035	.21043	.22722	.19576	.07721	.73824	.38324	.10400
#1	.31204	.06561	.06733	.05216	1.0425	.03031	.35663	.58921
#2	.31116	.06581	.06750	.05228	1.0422	.03053	.35427	.58901
#3	.31189	.06555	.06763	.05207	1.0410	.03008	.35664	.58807

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.08856	.42847	.00545	.02227	.01821	.32768	11.895
Stddev	.00023	.00104	.00008	.00012	.00004	.00234	.046
%RSD	.25845	.24242	1.3957	.53185	.21497	.71489	.38255
#1	.08882	.42783	.00537	.02239	.01824	.32827	11.940
#2	.08843	.42790	.00552	.02215	.01822	.32510	11.849
#3	.08843	.42967	.00545	.02226	.01817	.32967	11.897

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S2 Acquired: 10/28/2024 12:07:46 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3189.4	66810.	13697.	2386.8	4982.5
Stddev	11.0	45.	68.	5.3	7.2
%RSD	.34568	.06700	.49684	.22198	.14363
#1	3194.1	66861.	13649.	2383.0	4981.9
#2	3176.7	66776.	13775.	2384.6	4975.6
#3	3197.2	66794.	13666.	2392.8	4989.9

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S3 Acquired: 10/28/2024 12:11:56 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.14591	.16399	.59415	.22298	.45126	.37790	16.441	.50414
Stddev	.00031	.00411	.00099	.00112	.00139	.00069	.032	.00388
%RSD	.21555	2.5089	.16691	.50180	.30858	.18307	.19336	.76944
#1	.14569	.16780	.59429	.22207	.44979	.37712	16.405	.50432
#2	.14627	.15963	.59310	.22264	.45142	.37810	16.460	.50018
#3	.14577	.16455	.59507	.22422	.45256	.37846	16.460	.50793

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	2.8412	.69916	.07298	1.0592	.46226	.01553	.88845	.20156
Stddev	.0039	.00302	.00007	.0018	.00107	.00002	.00576	.00079
%RSD	.13876	.43190	.09379	.17106	.23074	.09833	.64813	.38981
#1	2.8414	.70003	.07306	1.0595	.46107	.01552	.88627	.20080
#2	2.8372	.69580	.07294	1.0572	.46260	.01555	.88410	.20152
#3	2.8451	.70165	.07295	1.0608	.46312	.01552	.89498	.20237

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.97366	.20719	.20966	.16505	3.2651	.09888	1.0931	1.8391
Stddev	.00165	.00023	.00080	.00065	.0140	.00051	.0097	.0038
%RSD	.16901	.10882	.38138	.39519	.42986	.51805	.88485	.20503
#1	.97422	.20745	.21033	.16496	3.2582	.09886	1.0960	1.8364
#2	.97181	.20706	.20987	.16445	3.2812	.09940	1.0823	1.8375
#3	.97495	.20705	.20877	.16574	3.2557	.09838	1.1009	1.8434

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.27527	1.3301	.01744	.07380	.05760	1.0258	36.519
Stddev	.00068	.0053	.00005	.00036	.00035	.0073	.146
%RSD	.24819	.39947	.29014	.48431	.61364	.70799	.39919
#1	.27585	1.3324	.01743	.07422	.05785	1.0305	36.531
#2	.27452	1.3240	.01750	.07361	.05719	1.0174	36.367
#3	.27545	1.3338	.01740	.07359	.05775	1.0294	36.657

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S3 Acquired: 10/28/2024 12:11:56 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3082.4	64278.	13598.	2241.5	4750.1
Stddev	7.6	187.	75.	8.8	2.6
%RSD	.24665	.29037	.55193	.39175	.05489
#1	3091.1	64250.	13576.	2246.0	4752.7
#2	3077.7	64107.	13681.	2231.4	4749.9
#3	3078.3	64477.	13536.	2247.1	4747.5

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S4 Acquired: 10/28/2024 12:16:15 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.29551	.33869	1.1805	.45257	.91226	.77215	33.355	1.0016
Stddev	.00072	.00900	.0011	.00160	.00038	.00226	.173	.0027
%RSD	.24510	2.6576	.09364	.35334	.04148	.29316	.51762	.27325
#1	.29624	.34904	1.1816	.45434	.91240	.77110	33.159	1.0035
#2	.29479	.33267	1.1805	.45122	.91183	.77060	33.484	1.0027
#3	.29552	.33437	1.1794	.45216	.91255	.77475	33.423	.99844

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	5.7275	1.4027	.13897	2.1265	.91520	.03010	1.7744	.40811
Stddev	.0063	.0033	.00029	.0010	.00062	.00031	.0004	.00175
%RSD	.11005	.23561	.20731	.04568	.06808	1.0320	.02114	.42927
#1	5.7342	1.4000	.13878	2.1276	.91542	.02996	1.7745	.40622
#2	5.7266	1.4017	.13930	2.1260	.91450	.02988	1.7740	.40845
#3	5.7217	1.4064	.13883	2.1259	.91568	.03045	1.7746	.40968

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.9497	.40458	.41783	.33587	6.3809	.19574	2.1847	3.6730
Stddev	.0017	.00040	.00254	.00103	.0244	.00139	.0104	.0069
%RSD	.08457	.10003	.60818	.30671	.38287	.70839	.47401	.18683
#1	1.9516	.40480	.41748	.33472	6.4088	.19577	2.1902	3.6798
#2	1.9490	.40412	.41549	.33617	6.3631	.19434	2.1912	3.6660
#3	1.9486	.40483	.42053	.33671	6.3709	.19712	2.1728	3.6732

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.55162	2.6915	.03481	.15117	.11918	2.1348	73.692
Stddev	.00175	.0033	.00033	.00021	.00044	.0070	.167
%RSD	.31703	.12273	.94764	.13640	.36612	.32811	.22676
#1	.55350	2.6915	.03459	.15099	.11968	2.1394	73.499
#2	.55133	2.6882	.03466	.15112	.11889	2.1267	73.781
#3	.55004	2.6948	.03519	.15139	.11897	2.1382	73.795

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S4 Acquired: 10/28/2024 12:16:15 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2951.2	64254.	13191.	2155.1	4478.7
Stddev	3.3	207.	23.	10.8	5.6
%RSD	.11079	.32258	.17710	.50224	.12404
#1	2948.7	64272.	13187.	2148.0	4472.3
#2	2954.9	64452.	13169.	2167.6	4481.5
#3	2950.0	64039.	13216.	2149.7	4482.3

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S5 Acquired: 10/28/2024 12:20:31 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem 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	.62092	.78956	2.4349	.95969	1.9089	1.6520	70.348	2.0658
Stddev	.00365	.01604	.0089	.00581	.0099	.0017	.166	.0038
%RSD	.58847	2.0314	.36392	.60529	.51779	.10172	.23662	.18222
#1	.61723	.77212	2.4294	.95442	1.9002	1.6539	70.172	2.0618
#2	.62098	.79290	2.4301	.95873	1.9070	1.6509	70.369	2.0662
#3	.62454	.80367	2.4451	.96592	1.9197	1.6511	70.503	2.0693

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	11.795	2.9328	.27415	4.3945	1.8533	.06109	3.7100	.86792
Stddev	.038	.0076	.00113	.0147	.0073	.00044	.0128	.00418
%RSD	.32558	.25773	.41178	.33488	.39434	.71493	.34531	.48188
#1	11.770	2.9248	.27366	4.3833	1.8484	.06065	3.6994	.86326
#2	11.775	2.9399	.27334	4.3891	1.8499	.06152	3.7242	.87134
#3	11.839	2.9337	.27544	4.4112	1.8617	.06110	3.7063	.86915

Elem	Ni2316	Ag3280	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.0023	.82135	.87775	.70886	12.742	.41059	4.5299	7.5736
Stddev	.0139	.00062	.00205	.00140	.028	.00093	.0059	.0375
%RSD	.34776	.07565	.23322	.19790	.21825	.22584	.13106	.49507
#1	3.9939	.82064	.87750	.70747	12.713	.40985	4.5232	7.5416
#2	3.9946	.82160	.87992	.70882	12.744	.41163	4.5320	7.5644
#3	4.0184	.82180	.87585	.71028	12.769	.41030	4.5345	7.6148

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1443	5.7306	.07398	.30278	.25954	4.6105	151.74
Stddev	.0055	.0084	.00065	.00147	.00150	.0084	2.03
%RSD	.48173	.14734	.87768	.48592	.57838	.18213	1.3373
#1	1.1395	5.7257	.07324	.30158	.25821	4.6085	149.40
#2	1.1430	5.7404	.07423	.30234	.25924	4.6197	152.96
#3	1.1503	5.7258	.07447	.30442	.26117	4.6033	152.86

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: S5 Acquired: 10/28/2024 12:20:31 Type: Cal
Method: NON EPA-6010-200.7(v2451) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2775.7	61692.	12375.	2000.6	4124.7
Stddev	6.6	106.	16.	6.1	10.1
%RSD	.23770	.17126	.12933	.30369	.24521
#1	2780.5	61814.	12393.	2004.3	4129.9
#2	2778.3	61632.	12370.	1993.6	4131.2
#3	2768.1	61630.	12363.	2004.0	4113.1

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICV01 Acquired: 10/28/2024 12:57:41 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9750749	.9703004	.9833370	1.008754	1.021495	2.487071
Stddev	.0032620	.0210584	.0016399	.003734	.001444	.003494
%RSD	.3345340	2.170292	.1667651	.3701455	.1413655	.1404873
#1	.9776477	.9900997	.9844319	1.012664	1.022131	2.483047
#2	.9714061	.9481760	.9814517	1.005225	1.022511	2.489338
#3	.9761709	.9726257	.9841276	1.008374	1.019842	2.488827

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4834939	.4900776	.4937003	9.823692	.5322040	.5277479
Stddev	.0002178	.0018039	.0008914	.039945	.0011500	.0007588
%RSD	.0450447	.3680771	.1805584	.4066161	.2160886	.1437835
#1	.4836749	.4881233	.4939441	9.801076	.5311054	.5282191
#2	.4835547	.4904308	.4927124	9.800187	.5333994	.5268726
#3	.4832522	.4916787	.4944445	9.869814	.5321073	.5281521

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4969019	10.12710	.4913688	5.753602	.5311433	.2725654
Stddev	.0007640	.03907	.0015808	.037524	.0008296	.0003374
%RSD	.1537484	.3858008	.3217063	.6521839	.1561924	.1237808
#1	.4971159	10.12503	.4902917	5.749947	.5314471	.2723360
#2	.4960538	10.08911	.4906312	5.718040	.5302047	.2729528
#3	.4975361	10.16717	.4931835	5.792821	.5317783	.2724075

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.924821	.4846457	1.095686	10.52820	F 2.213339	2.576007
Stddev	.016445	.0021124	.002377	.00934	.007496	.003814
%RSD	.1656940	.4358695	.2169125	.0887557	.3386947	.1480581
#1	9.928821	.4853336	1.092951	10.53676	2.207808	2.578823
#2	9.938897	.4822751	1.097248	10.52960	2.210339	2.571666
#3	9.906745	.4863285	1.096860	10.51823	2.221871	2.577530

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICV01 Acquired: 10/28/2024 12:57:41 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.403838	2.271161	2.509332	F .0001668	F -.005031	F -.000305
Stddev	.013073	.000622	.005852	.0011315	.002613	.001191
%RSD	.5438348	.0273990	.2332179	678.3970	51.93316	390.0767
#1	2.414778	2.270477	2.513702	-.000264	-.005612	-.000600
#2	2.389360	2.271310	2.511612	-.000686	-.002177	.001005
#3	2.407376	2.271694	2.502683	.001450	-.007304	-.001321

Elem	Sr4077
Units	ppm
Avg	F -.008952
Stddev	.000063
%RSD	.6993798
#1	-.008924
#2	-.008907
#3	-.009023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2917.637	62184.27	14011.37	2047.536	4648.962
Stddev	8.519	178.17	25.55	5.348	11.614
%RSD	.2919777	.2865232	.1823676	.2611931	.2498136
#1	2913.444	62096.65	13995.51	2046.977	4645.096
#2	2912.028	62066.87	13997.76	2042.489	4639.774
#3	2927.440	62389.28	14040.85	2053.141	4662.015

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: LLICV01 Acquired: 10/28/2024 13:04:00 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188491	.0362193	.0110021	.0185536	.0507003	.1070000
Stddev	.0003772	.0012067	.0000550	.0002851	.0009981	.0035937
%RSD	2.000988	3.331786	.4996111	1.536581	1.968706	3.358572
#1	.0189681	.0372036	.0109602	.0184121	.0517524	.1067295
#2	.0184267	.0348730	.0109819	.0188818	.0505817	.1107213
#3	.0191524	.0365814	.0110644	.0183670	.0497668	.1035493

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0947313	.0056692	.0056571	1.962717	.0092008	.0299074
Stddev	.0003811	.0000076	.0000856	.005196	.0001363	.0001903
%RSD	.4023176	.1334711	1.513631	.2647515	1.481569	.6361680
#1	.0950432	.0056779	.0057540	1.967370	.0091430	.0301271
#2	.0948442	.0056660	.0055917	1.963670	.0093565	.0297997
#3	.0943065	.0056638	.0056255	1.957109	.0091029	.0297954

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215441	.1068550	.0191819	1.922795	.0398138	.0113222
Stddev	.0002145	.0010510	.0003168	.016025	.0002173	.0002423
%RSD	.9958042	.9836045	1.651356	.8334273	.5458878	2.140397
#1	.0216519	.1056440	.0188833	1.918732	.0396131	.0110929
#2	.0212970	.1075297	.0191482	1.909192	.0397837	.0115757
#3	.0216834	.1073912	.0195141	1.940460	.0400446	.0112980

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.845987	.0387065	.0387818	2.015065	.0952610	.2131447
Stddev	.005641	.0007260	.0002468	.021266	.0003377	.0014280
%RSD	.3055669	1.875598	.6362454	1.055345	.3545113	.6699665
#1	1.844301	.0385361	.0387147	2.034652	.0949255	.2147036
#2	1.852279	.0395025	.0385756	1.992446	.0956009	.2128308
#3	1.841382	.0380809	.0390552	2.018098	.0952566	.2118999

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: LLICV01 Acquired: 10/28/2024 13:04:00 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0391225	F .1879881	.3306520	F .0150839	F .3657283	F .0146574
Stddev	.0003211	.0002441	.0014127	.0001859	.0032579	.0008872
%RSD	.8206799	.1298234	.4272602	1.232388	.8907854	6.052918
#1	.0391724	.1882000	.3320865	.0152587	.3676022	.0139909
#2	.0387794	.1877212	.3292620	.0148886	.3676163	.0156644
#3	.0394157	.1880431	.3306075	.0151045	.3619665	.0143168

Elem	Sr4077
Units	ppm
Avg	.0193550
Stddev	.0000854
%RSD	.4414238
#1	.0192663
#2	.0194367
#3	.0193619

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2983.068	63836.34	13857.81	2106.772	4858.755
Stddev	17.144	270.11	37.81	19.811	23.041
%RSD	.5747162	.4231256	.2728777	.9403464	.4742222
#1	2965.754	63556.15	13821.99	2085.612	4833.506
#2	2983.413	64095.09	13854.11	2124.880	4864.114
#3	3000.037	63857.77	13897.35	2109.824	4878.645

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICB01 Acquired: 10/28/2024 13:08:19 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005958	-.000205	-.000895	.0001075	.0000831	.0041552	-.001696
Stddev	.0005853	.001472	.000405	.0022972	.0004894	.0052081	.000444
%RSD	98.24712	716.7052	45.26567	2137.024	589.0294	125.3401	26.18893
#1	.0012396	.000337	-.000549	.0024263	.0006155	.0059199	-.002170
#2	.0004518	-.001871	-.000795	-.002167	-.000019	-.001706	-.001290
#3	.0000958	.000918	-.001341	.000063	-.000347	.008252	-.001628

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000027	-.000005	.0041106	-.000333	.0000041	-.001402	-.014953
Stddev	.000020	.000066	.0010856	.000465	.0001183	.000154	.002970
%RSD	75.16991	1456.949	26.40948	139.4647	2893.372	11.00800	19.86237
#1	-.000013	-.000006	.0041254	-.000831	.0001272	-.001304	-.014889
#2	-.000018	-.000069	.0051887	-.000257	-.000109	-.001579	-.012016
#3	-.000050	.000062	.0030177	.000089	-.000006	-.001322	-.017955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000070	-.000896	.0000160	.0004681	-.086243	-.000784	-.004923
Stddev	.000162	.009114	.0000635	.0001473	.005606	.000918	.000102
%RSD	230.5303	1017.310	397.4537	31.46544	6.499664	117.0524	2.071432
#1	-.000178	-.007263	.0000516	.0003380	-.085910	-.000555	-.004878
#2	.000116	-.004968	-.000057	.0006280	-.092008	-.000002	-.005040
#3	-.000149	.009544	.000054	.0004384	-.080812	-.001794	-.004852

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.023669	-.003628	-.000049	.0019437	.0006727	-.013570	-.004819
Stddev	.005712	.000247	.000059	.0007522	.0001126	.005279	.000969
%RSD	24.13117	6.819428	120.9296	38.70260	16.73803	38.89820	20.10106
#1	-.022707	-.003913	-.000104	.0025461	.0007243	-.011294	-.003705
#2	-.018499	-.003505	-.000055	.0021844	.0005436	-.019605	-.005291
#3	-.029800	-.003466	.000013	.0011005	.0007503	-.009812	-.005462

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICB01 Acquired: 10/28/2024 13:08:19 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000638	-.002239	-.000036
Stddev	.002213	.000638	.000028
%RSD	346.9457	28.48905	76.32815
#1	.000373	-.001540	-.000004
#2	.000889	-.002790	-.000051
#3	-.003175	-.002386	-.000052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3014.670	64432.48	13871.19	2135.647	4965.109
Stddev	12.667	80.23	43.56	9.334	11.486
%RSD	.4201840	.1245216	.3140104	.4370409	.2313248
#1	3002.430	64393.23	13891.23	2132.221	4955.538
#2	3013.855	64379.44	13901.13	2128.511	4961.945
#3	3027.725	64524.79	13821.22	2146.210	4977.845

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CRI01 Acquired: 10/28/2024 13:12:40 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191425	.0348798	.0114607	.0175772	.0500226	.1024550
Stddev	.0007887	.0004035	.0003637	.0007000	.0008151	.0013190
%RSD	4.120391	1.156787	3.173697	3.982236	1.629436	1.287370
#1	.0199918	.0350621	.0111065	.0177782	.0491693	.1032067
#2	.0184330	.0351600	.0118332	.0181548	.0507932	.1009320
#3	.0190028	.0344173	.0114425	.0167988	.0501054	.1032262

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0936936	.0056416	.0055494	1.929316	.0091340	.0293373
Stddev	.0005639	.0000328	.0000314	.012594	.0000292	.0000685
%RSD	.6018620	.5812001	.5652794	.6527826	.3197731	.2334561
#1	.0933334	.0056740	.0055357	1.940709	.0091238	.0293732
#2	.0943435	.0056085	.0055272	1.915793	.0091113	.0292583
#3	.0934039	.0056423	.0055852	1.931446	.0091670	.0293805

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210839	.0988210	.0190599	1.900590	.0391868	.0109539
Stddev	.0004102	.0023129	.0001109	.007705	.0002236	.0001568
%RSD	1.945486	2.340494	.5816967	.4053994	.5706932	1.431157
#1	.0209618	.0991949	.0190335	1.901968	.0394098	.0108484
#2	.0207486	.1009242	.0189646	1.907513	.0389625	.0111340
#3	.0215412	.0963440	.0191816	1.892289	.0391880	.0108793

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.776343	.0369260	.0373209	1.943575	.0937941	.2110790
Stddev	.013466	.0008799	.0003227	.008034	.0008318	.0001756
%RSD	.7580866	2.382859	.8646365	.4133502	.8868884	.0831863
#1	1.763889	.0360756	.0370007	1.945444	.0936299	.2111033
#2	1.790633	.0378327	.0376461	1.950509	.0930566	.2108925
#3	1.774507	.0368697	.0373160	1.934771	.0946958	.2112411

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CRI01 Acquired: 10/28/2024 13:12:40 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374367	F .1864100	.3157014	.0143573	F .3520373	.0144223
Stddev	.0009105	.0007635	.0025051	.0013743	.0042824	.0025312
%RSD	2.432036	.4096007	.7935035	9.572194	1.216459	17.55068
#1	.0364974	.1862268	.3185897	.0153383	.3568949	.0146646
#2	.0374975	.1872485	.3141199	.0127865	.3488077	.0168237
#3	.0383153	.1857548	.3143947	.0149469	.3504092	.0117787

Elem	Sr4077
Units	ppm
Avg	.0191217
Stddev	.0001117
%RSD	.5841778
#1	.0190053
#2	.0192280
#3	.0191318

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3044.473	65865.57	13980.41	2178.667	4995.692
Stddev	3.130	243.58	42.78	24.931	2.494
%RSD	.1028110	.3698122	.3059747	1.144333	.0499324
#1	3048.065	65702.15	13931.02	2166.163	4993.337
#2	3043.022	65749.03	14005.52	2162.463	4998.305
#3	3042.331	66145.52	14004.70	2207.376	4995.432

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICSA01 Acquired: 10/28/2024 13:16:57 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025868	.0076321	.0083598	-.009093	-.000999	250.5570
Stddev	.0024489	.0024906	.0023644	.000220	.001081	1.3106
%RSD	94.66724	32.63346	28.28343	2.419171	108.2082	.5230674
#1	.0052560	.0100974	.0065901	-.009338	-.001031	250.1698
#2	.0020606	.0076820	.0110451	-.009029	-.002063	252.0175
#3	.0004438	.0051169	.0074442	-.008913	.000098	249.4836

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022182	.0011565	.0069748	232.3425	.0565471	.0022914
Stddev	.0004238	.0000728	.0000619	1.1073	.0007828	.0003218
%RSD	19.10690	6.294548	.8873737	.4765871	1.384406	14.04597
#1	.0023476	.0010745	.0069389	232.8428	.0564575	.0019249
#2	.0025623	.0012134	.0070462	233.1113	.0573708	.0024210
#3	.0017448	.0011815	.0069392	231.0733	.0558128	.0025282

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008348	104.2888	.0057636	255.0281	.0030675	.0039906
Stddev	.000548	.5487	.0001034	1.6874	.0003479	.0005150
%RSD	6.560439	.5261664	1.793425	.6616689	11.34183	12.90678
#1	-.008955	104.9136	.0058432	255.3095	.0033829	.0045053
#2	-.007890	103.8853	.0058007	256.5572	.0026943	.0034752
#3	-.008199	104.0674	.0056468	253.2177	.0031252	.0039912

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.037452	.0066736	-.002068	-.007851	.0194755	.0002006
Stddev	.007877	.0009882	.000307	.020779	.0014175	.0007365
%RSD	21.03269	14.80725	14.82806	264.6502	7.278363	367.1441
#1	-.043836	.0072711	-.001789	-.016378	.0210870	-.000108
#2	-.039871	.0072168	-.002018	-.023010	.0189178	-.000332
#3	-.028649	.0055330	-.002396	.015834	.0184217	.001041

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICSA01 Acquired: 10/28/2024 13:16:57 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001100	-.001061	-.001221	.0002898	-.016162	F .0468579
Stddev	.000402	.000255	.008138	.0032386	.003231	.0006486
%RSD	36.56889	24.08257	666.2786	1117.389	19.98818	1.384214
#1	-.001041	-.001030	.008050	-.001344	-.017473	.0461265
#2	-.000730	-.001330	-.004536	.004020	-.012482	.0473631
#3	-.001528	-.000822	-.007178	-.001807	-.018532	.0470842

Elem	Sr4077
Units	ppm
Avg	-.007098
Stddev	.000322
%RSD	4.541406
#1	-.007455
#2	-.007008
#3	-.006830

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2607.062	55476.90	13299.67	1839.745	3835.977
Stddev	12.025	183.92	62.48	10.925	10.199
%RSD	.4612566	.3315267	.4697998	.5938204	.2658759
#1	2617.253	55268.15	13275.74	1828.805	3845.119
#2	2610.135	55615.13	13252.70	1850.655	3837.836
#3	2593.798	55547.40	13370.59	1839.777	3824.977

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICSAB01 Acquired: 10/28/2024 13:21:20 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1069883	.0973984	.0557259	.0398073	.6196282	244.6481
Stddev	.0045545	.0012145	.0005964	.0016091	.0028652	.9218
%RSD	4.257017	1.246901	1.070219	4.042246	.4624035	.3768026
#1	.1070010	.0960642	.0560703	.0396533	.6206383	245.4042
#2	.1115365	.0984395	.0550373	.0382808	.6163948	243.6212
#3	.1024275	.0976915	.0560702	.0414879	.6218516	244.9188

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4718094	.4736401	.9665004	226.0753	.5563609	.5130492
Stddev	.0005125	.0009816	.0013242	.6224	.0019545	.0005607
%RSD	.1086152	.2072352	.1370094	.2753236	.3512978	.1092934
#1	.4716642	.4725528	.9657449	226.0844	.5554746	.5134947
#2	.4713852	.4744608	.9680295	226.6931	.5586015	.5132335
#3	.4723788	.4739067	.9657270	225.4484	.5550065	.5124196

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4910139	103.1072	.4589601	247.1500	1.013714	.2116928
Stddev	.0011708	.2677	.0017486	1.0414	.001314	.0004337
%RSD	.2384520	.2596748	.3809852	.4213516	.1296431	.2048473
#1	.4919536	103.3308	.4604746	247.0894	1.013814	.2114466
#2	.4897023	103.1802	.4593592	248.2204	1.014975	.2114383
#3	.4913857	102.8105	.4570465	246.1403	1.012352	.2121935

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0306161	.4629954	1.063681	.0450548	.9216452	1.077579
Stddev	.0022118	.0005416	.004474	.0099175	.0010846	.001708
%RSD	7.224379	.1169730	.4205734	22.01213	.1176806	.1585074
#1	.0330870	.4635511	1.068846	.0469843	.9205785	1.076937
#2	.0288211	.4624692	1.061034	.0538658	.9216103	1.076284
#3	.0299401	.4629659	1.061163	.0343143	.9227468	1.079515

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICSAB01 Acquired: 10/28/2024 13:21:20 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.028386	.9412580	1.106227	F .0059058	F -.011417	F .0469990
Stddev	.001713	.0008418	.006922	.0026492	.005126	.0020072
%RSD	.1665708	.0894305	.6257418	44.85869	44.89695	4.270615
#1	1.028441	.9421671	1.112015	.0066348	-.014574	.0446967
#2	1.030070	.9405055	1.108106	.0029683	-.005503	.0483808
#3	1.026645	.9411015	1.098559	.0081142	-.014175	.0479195

Elem	Sr4077
Units	ppm
Avg	F -.007277
Stddev	.000388
%RSD	5.334494
#1	-.007496
#2	-.007507
#3	-.006829

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2567.396	55003.16	13371.91	1801.605	3801.757
Stddev	8.587	212.96	35.02	18.267	7.275
%RSD	.3344657	.3871723	.2619060	1.013909	.1913673
#1	2558.214	54779.65	13331.54	1781.643	3793.384
#2	2575.228	55203.70	13394.07	1817.485	3806.534
#3	2568.745	55026.13	13390.13	1805.688	3805.354

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICSADLX20 Acquired: 10/28/2024 13:27:17 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002236	-.001298	.0009430	-.001467	.0003031	12.20368	-.001561
Stddev	.000829	.001970	.0012703	.000490	.0011314	.01797	.000276
%RSD	37.08476	151.7048	134.7069	33.39531	373.2403	.1472724	17.70462
#1	-.001474	-.002711	.0015832	-.001072	.0007059	12.18353	-.001654
#2	-.003119	.000952	.0017660	-.002016	-.000975	12.21807	-.001780
#3	-.002115	-.002136	-.000520	-.001314	.001178	12.20942	-.001251

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002080	.0002558	11.93587	.0019136	.0001018	-.001142	4.934362
Stddev	.0000168	.0000664	.04554	.0002156	.0001319	.000211	.056113
%RSD	8.069395	25.93909	.3815727	11.26824	129.5816	18.48377	1.137186
#1	.0001894	.0002438	11.88736	.0018447	.0001199	-.000906	4.878876
#2	.0002219	.0003274	11.97771	.0017408	.0002238	-.001208	4.991081
#3	.0002128	.0001963	11.94254	.0021553	-.000038	-.001313	4.933128

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002451	12.30964	.0003354	.0004998	-.083236	-.000047	-.004351
Stddev	.0001411	.08666	.0001630	.0002782	.008812	.001327	.000119
%RSD	57.55332	.7039778	48.60140	55.65333	10.58689	2794.284	2.740033
#1	.0003415	12.21672	.0005215	.0005368	-.090009	.000415	-.004231
#2	.0000832	12.38826	.0002668	.0007575	-.086427	-.001544	-.004469
#3	.0003106	12.32394	.0002179	.0002050	-.073273	.000986	-.004352

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022781	-.004916	.0000035	.0005428	.0001737	-.014884	-.004025
Stddev	.026828	.000585	.0002182	.0005289	.0002328	.005440	.003411
%RSD	117.7616	11.90866	6165.200	97.43675	133.9917	36.54813	84.73747
#1	-.045778	-.005383	.0002406	.0011292	.0000161	-.010668	-.002463
#2	.006692	-.005107	-.000189	.0003973	.0004411	-.021024	-.007937
#3	-.029258	-.004259	-.000041	.0001019	.0000640	-.012960	-.001676

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICSADLX20 Acquired: 10/28/2024 13:27:17 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSADLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0029341	.0009247	-.000084
Stddev	.0005594	.0007484	.000061
%RSD	19.06637	80.93083	71.94647
#1	.0035744	.0009707	-.000037
#2	.0026873	.0016490	-.000153
#3	.0025405	.0001544	-.000064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.673	65468.36	13924.48	2147.925	4834.990
Stddev	16.022	166.10	50.39	25.311	14.293
%RSD	.5302423	.2537118	.3618926	1.178386	.2956120
#1	3003.690	65445.76	13945.96	2150.769	4819.728
#2	3026.900	65314.71	13866.90	2121.312	4837.180
#3	3034.429	65644.60	13960.57	2171.694	4848.061

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICSABDLX20 Acquired: 10/28/2024 13:31:31 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061483	.0040922	.0028089	.0017293	.0299494	12.12471	.0225888
Stddev	.0007123	.0005006	.0002562	.0012897	.0010275	.03070	.0005830
%RSD	11.58472	12.23349	9.120282	74.57903	3.430713	.2532415	2.580707
#1	.0054960	.0046162	.0028362	.0003854	.0298366	12.10861	.0220005
#2	.0060406	.0036188	.0025402	.0018455	.0310287	12.16012	.0225997
#3	.0069083	.0040417	.0030504	.0029570	.0289831	12.10540	.0231662

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254095	.0480003	11.89189	.0286661	.0252387	.0250782	5.118562
Stddev	.0000644	.0001668	.04495	.0004625	.0001732	.0002075	.022244
%RSD	.2533606	.3474834	.3779791	1.613411	.6862490	.8273815	.4345694
#1	.0253551	.0478351	11.84895	.0290913	.0254382	.0250279	5.093500
#2	.0254806	.0479972	11.93861	.0287332	.0251508	.0253062	5.126227
#3	.0253930	.0481686	11.88810	.0281737	.0251271	.0249005	5.135960

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243939	12.28834	.0509108	.0106588	-.091874	.0242249	.0510185
Stddev	.0001801	.03482	.0002432	.0001381	.006541	.0008065	.0004072
%RSD	.7382122	.2833377	.4777344	1.295354	7.119643	3.329379	.7980461
#1	.0242602	12.26105	.0507973	.0108150	-.089997	.0249748	.0513842
#2	.0245987	12.32755	.0507451	.0105529	-.099148	.0233717	.0510916
#3	.0243228	12.27642	.0511900	.0106085	-.086477	.0243283	.0505798

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022013	.0436023	.0545590	.0511449	.0483334	.0251294	-.005134
Stddev	.012704	.0006207	.0003948	.0009920	.0006490	.0069247	.001261
%RSD	57.71370	1.423668	.7236823	1.939598	1.342760	27.55598	24.55486
#1	-.033458	.0431275	.0541443	.0501716	.0490816	.0331253	-.005233
#2	-.008343	.0443047	.0549305	.0521546	.0479225	.0211414	-.006342
#3	-.024237	.0433746	.0546022	.0511085	.0479961	.0211214	-.003827

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: ICSABDLX20 Acquired: 10/28/2024 13:31:31 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSABDLX20 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011221	-.000368	-.000239
Stddev	.0024070	.000614	.000029
%RSD	214.5093	167.1325	12.18533
#1	.0037701	-.000967	-.000269
#2	.0005296	-.000396	-.000211
#3	-.000933	.000261	-.000237

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3057.510	63606.38	14025.64	2134.225	4880.411
Stddev	9.137	240.77	45.88	12.004	8.786
%RSD	.2988404	.3785334	.3271247	.5624573	.1800326
#1	3052.446	63453.45	14031.53	2123.331	4877.424
#2	3052.026	63481.78	13977.11	2132.249	4873.507
#3	3068.058	63883.92	14068.30	2147.094	4890.301

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV01 Acquired: 10/28/2024 13:35:47 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.865777	4.618783	4.843612	4.924733	4.943745	9.646973	9.342215
Stddev	.005983	.024277	.004466	.019511	.016009	.018909	.047891
%RSD	.1229532	.5256176	.0922001	.3961915	.3238165	.1960137	.5126311
#1	4.863712	4.594895	4.842230	4.905186	4.940619	9.625783	9.397428
#2	4.861101	4.618023	4.848606	4.924805	4.929530	9.662129	9.311925
#3	4.872519	4.643431	4.840001	4.944208	4.961086	9.653007	9.317292

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2399601	2.425987	23.73258	.9693092	2.423621	1.240893	4.973762
Stddev	.0009341	.003592	.12749	.0009575	.000889	.002521	.048471
%RSD	.3892779	.1480654	.5371973	.0987833	.0366767	.2031207	.9745279
#1	.2402754	2.425780	23.59175	.9688556	2.424328	1.239568	4.924042
#2	.2406957	2.429679	23.84012	.9686627	2.423912	1.239311	4.976366
#3	.2389091	2.422504	23.76588	.9704092	2.422623	1.243799	5.020879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.313152	23.79459	2.430986	1.259528	24.68199	2.389826	2.553542
Stddev	.007647	.19220	.002512	.000191	.08578	.008617	.006684
%RSD	.3305993	.8077280	.1033484	.0151794	.3475269	.3605554	.2617531
#1	2.305186	23.58522	2.431776	1.259550	24.65001	2.379959	2.545979
#2	2.320434	23.96301	2.433008	1.259708	24.61681	2.393646	2.558657
#3	2.313837	23.83554	2.428173	1.259327	24.77917	2.395872	2.555988

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.23026	4.725784	5.010648	4.816388	4.662418	5.032993	5.086968
Stddev	.10093	.019877	.013634	.009367	.007214	.047808	.018349
%RSD	.4000164	.4206132	.2720979	.1944855	.1547238	.9499001	.3607066
#1	25.17186	4.731743	5.003761	4.815745	4.654088	4.979832	5.095389
#2	25.17212	4.741999	5.001832	4.826061	4.666574	5.046689	5.099595
#3	25.34680	4.703608	5.026352	4.807359	4.666592	5.072460	5.065920

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV01 Acquired: 10/28/2024 13:35:47 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.679069	4.526976	4.758972
Stddev	.003448	.016225	.039271
%RSD	.0736929	.3583965	.8252092
#1	4.676893	4.542846	4.720629
#2	4.677269	4.510419	4.799110
#3	4.683044	4.527662	4.757176

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2883.079	60960.91	13295.23	2007.446	4434.940
Stddev	11.558	102.63	54.51	4.475	11.661
%RSD	.4008944	.1683580	.4099943	.2229445	.2629290
#1	2879.521	61051.46	13283.02	2011.451	4424.693
#2	2895.997	60849.43	13247.86	2002.615	4447.628
#3	2873.718	60981.84	13354.80	2008.270	4432.498

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB01 Acquired: 10/28/2024 13:39:57 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004580	-.000237	.0002936	-.000561	.0005244	.0071311	-.002803
Stddev	.0020159	.001534	.0005954	.002093	.0006615	.0022856	.000522
%RSD	440.1369	647.4009	202.7902	373.1003	126.1495	32.05067	18.61385
#1	-.001869	.001473	.0009729	-.000591	.0011127	.0074707	-.002660
#2	.001651	-.000692	-.000137	.001547	-.000192	.0046947	-.003382
#3	.001592	-.001492	.000045	-.002639	.000652	.0092279	-.002368

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000224	.0000185	.0020664	-.000577	.0001778	-.001221	-.013076
Stddev	.0000564	.0000291	.0008181	.000139	.0000761	.000225	.002573
%RSD	251.8768	157.5936	39.59061	24.04360	42.82323	18.43596	19.67937
#1	.0000711	.0000520	.0030101	-.000546	.0001442	-.001191	-.013899
#2	.0000354	-.000001	.0016295	-.000728	.0001242	-.001013	-.015137
#3	-.000039	.000004	.0015595	-.000456	.0002650	-.001460	-.010192

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000182	.0017706	.0001194	.0005028	-.093565	-.000181	-.004750
Stddev	.000067	.0084415	.0000689	.0003220	.008306	.000529	.000067
%RSD	36.89531	476.7684	57.69720	64.03785	8.877714	291.8285	1.407788
#1	-.000120	-.004305	.0000415	.0002227	-.085491	-.000091	-.004728
#2	-.000253	.011410	.0001722	.0008546	-.102086	.000297	-.004698
#3	-.000173	-.001793	.0001446	.0004311	-.093119	-.000750	-.004825

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002860	-.001088	.0001326	.0014604	.0004379	-.014558	-.004189
Stddev	.018399	.000536	.0000664	.0005281	.0000905	.007313	.000351
%RSD	643.3375	49.26651	50.08935	36.15957	20.65832	50.23070	8.389620
#1	.017287	-.000795	.0000702	.0008507	.0004528	-.022328	-.004065
#2	-.007092	-.000763	.0001253	.0017725	.0003410	-.007810	-.004586
#3	-.018775	-.001707	.0002024	.0017581	.0005201	-.013538	-.003917

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB01 Acquired: 10/28/2024 13:39:57 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007343	-.001236	.0000266
Stddev	.0025767	.000647	.0000195
%RSD	350.8956	52.39706	73.50368
#1	.0025022	-.000655	.0000482
#2	-.002222	-.001118	.0000210
#3	.001923	-.001934	.0000104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3039.065	66397.21	14216.85	2152.417	5118.053
Stddev	2.763	119.41	76.42	13.535	3.732
%RSD	.0909003	.1798442	.5375444	.6288272	.0729250
#1	3041.927	66450.93	14136.09	2153.022	5121.897
#2	3038.852	66480.33	14226.44	2165.639	5117.818
#3	3036.414	66260.37	14288.03	2138.590	5114.444

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-02 Acquired: 10/28/2024 13:44:18 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086621	-.007288	.0377965	.0008292	-.000603	38.09482
Stddev	.0010924	.001063	.0007789	.0021453	.000876	.23218
%RSD	12.61129	14.58077	2.060810	258.7133	145.2880	.6094811
#1	.0078002	-.007510	.0384969	.0030184	.000404	37.88388
#2	.0082955	-.008221	.0379349	.0007386	-.001193	38.34359
#3	.0098907	-.006131	.0369577	-.001269	-.001020	38.05697

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1710981	.0020441	.0012419	16.90516	.0754841	.0283184
Stddev	.0017983	.0000537	.0000167	.05228	.0005516	.0000277
%RSD	1.051011	2.626446	1.346020	.3092546	.7307956	.0976801
#1	.1696900	.0019853	.0012548	16.88164	.0750266	.0283051
#2	.1731238	.0020906	.0012230	16.96507	.0753291	.0283502
#3	.1704805	.0020565	.0012478	16.86878	.0760967	.0282999

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0660757	17.09562	.5664969	7.579431	.0428405	.0007878
Stddev	.0002109	.01494	.0024057	.032313	.0002304	.0001878
%RSD	.3191778	.0874003	.4246687	.4263242	.5378763	23.83930
#1	.0659555	17.09787	.5648696	7.578935	.0431066	.0007209
#2	.0659524	17.07968	.5692603	7.611989	.0427054	.0009999
#3	.0663192	17.10931	.5653609	7.547369	.0427096	.0006426

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	73.80527	.0541932	.0816521	5.404695	.0478738	.0212057
Stddev	.34813	.0010412	.0006010	.007141	.0004165	.0002847
%RSD	.4716836	1.921289	.7360485	.1321178	.8699913	1.342418
#1	73.40337	.0538148	.0822759	5.399884	.0478126	.0208770
#2	73.99937	.0553708	.0810769	5.401302	.0483175	.0213657
#3	74.01308	.0533942	.0816034	5.412900	.0474912	.0213743

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-02 Acquired: 10/28/2024 13:44:18 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004135	.1686512	F 57.12958	1.276684	F 26.81188	.0159396
Stddev	.0007726	.0017868	.13360	.004122	.06902	.0011764
%RSD	186.8458	1.059472	.2338568	.3228755	.2574188	7.380397
#1	.0012275	.1672056	57.26292	1.272350	26.88400	.0172922
#2	.0003228	.1706489	56.99572	1.280556	26.74645	.0151546
#3	-.000310	.1680992	57.13011	1.277145	26.80520	.0153720

Elem	Sr4077
Units	ppm
Avg	.2555307
Stddev	.0026173
%RSD	1.024258
#1	.2528527
#2	.2580827
#3	.2556567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3004.388	65345.51	15197.23	2109.700	4486.853
Stddev	4.458	156.16	82.89	9.328	8.105
%RSD	.1483739	.2389742	.5454276	.4421579	.1806305
#1	3002.004	65166.82	15225.51	2098.996	4485.594
#2	3009.531	65455.82	15103.90	2114.010	4495.513
#3	3001.630	65413.89	15262.28	2116.094	4479.451

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-03 Acquired: 10/28/2024 13:48:32 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158632	-.007359	.0735545	-.000888	-.000620	75.81799
Stddev	.0020782	.001036	.0005225	.001007	.001382	.11896
%RSD	13.10090	14.08246	.7103928	113.4133	222.9360	.1569028
#1	.0180654	-.008433	.0738651	-.000636	.000332	75.70180
#2	.0155880	-.007279	.0729513	-.000031	.000013	75.93954
#3	.0139364	-.006365	.0738472	-.001997	-.002205	75.81264

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3020475	.0049372	.0030958	35.14340	.0629703	.0251031
Stddev	.0002385	.0000717	.0000975	.03192	.0004506	.0000524
%RSD	.0789669	1.451871	3.148416	.0908253	.7155757	.2088264
#1	.3017747	.0048650	.0031593	35.11884	.0626951	.0250449
#2	.3021514	.0049381	.0029836	35.13188	.0627255	.0251465
#3	.3022165	.0050084	.0031446	35.17948	.0634903	.0251181

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0419467	36.96366	.8602197	15.94338	.0425479	.0011138
Stddev	.0002801	.07776	.0009846	.01460	.0001517	.0002909
%RSD	.6678341	.2103815	.1144562	.0915464	.3564726	26.11347
#1	.0416268	36.88694	.8594101	15.96024	.0426861	.0010233
#2	.0420647	36.96163	.8599333	15.93490	.0423856	.0008790
#3	.0421485	37.04243	.8613157	15.93501	.0425718	.0014392

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	111.3649	.0674530	.1480104	4.985232	.0946396	.0206077
Stddev	.4869	.0010763	.0004647	.012449	.0008441	.0001460
%RSD	.4372312	1.595579	.3139574	.2497203	.8919308	.7084311
#1	111.8348	.0678431	.1481441	4.990963	.0937097	.0204502
#2	111.3974	.0662361	.1474936	4.970949	.0948518	.0206344
#3	110.8625	.0682798	.1483937	4.993784	.0953574	.0207384

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-03 Acquired: 10/28/2024 13:48:32 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002228	.1422223	F 100.2385	.5975794	F 31.15849	.0339042
Stddev	.000282	.0005072	.2801	.0013642	.06625	.0016506
%RSD	12.67369	.3566199	.2794274	.2282807	.2126355	4.868419
#1	-.002359	.1420241	100.0257	.5970000	31.20952	.0357569
#2	-.002420	.1418442	100.1341	.5991376	31.08361	.0333653
#3	-.001903	.1427987	100.5558	.5966006	31.18232	.0325904

Elem	Sr4077
Units	ppm
Avg	.4096409
Stddev	.0007631
%RSD	.1862755
#1	.4088422
#2	.4103624
#3	.4097182

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3099.708	67400.88	15432.79	2200.603	4421.504
Stddev	10.040	156.80	28.27	10.029	8.300
%RSD	.3238917	.2326352	.1831503	.4557565	.1877249
#1	3109.872	67252.77	15400.17	2189.316	4431.077
#2	3089.798	67565.12	15450.21	2204.000	4416.319
#3	3099.454	67384.74	15447.98	2208.493	4417.116

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04 Acquired: 10/28/2024 13:52:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029980	-.006455	.0325037	.0000592	.0004620	25.96642
Stddev	.0021491	.001272	.0006443	.0004218	.0012128	.02543
%RSD	71.68420	19.70238	1.982253	712.0321	262.5299	.0979277
#1	.0034687	-.007569	.0329282	-.000384	-.000564	25.94642
#2	.0048728	-.005069	.0328205	.000455	.000150	25.99504
#3	.0006526	-.006725	.0317623	.000107	.001800	25.95781

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1929109	.0022271	.0009902	18.16655	.0301751	.0103581
Stddev	.0007556	.0000457	.0000487	.08566	.0004628	.0001350
%RSD	.3916724	2.053085	4.916015	.4715039	1.533771	1.302819
#1	.1926058	.0022201	.0009451	18.11913	.0306862	.0104111
#2	.1937713	.0022760	.0009836	18.26543	.0300548	.0104585
#3	.1923555	.0021853	.0010418	18.11509	.0297843	.0102047

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0223214	14.92096	.3840394	6.752035	.0188937	.0004852
Stddev	.0002638	.06510	.0014742	.046950	.0000945	.0001824
%RSD	1.181850	.4362806	.3838759	.6953531	.5002849	37.58740
#1	.0222065	14.91638	.3830217	6.748904	.0187893	.0003677
#2	.0221345	14.98823	.3857300	6.800473	.0189185	.0003926
#3	.0226232	14.85828	.3833664	6.706728	.0189734	.0006953

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	87.28566	.0270025	.0713952	2.956497	.0462294	.0105150
Stddev	.14435	.0010514	.0002216	.025736	.0005765	.0001549
%RSD	.1653812	3.893833	.3103579	.8705058	1.246923	1.473144
#1	87.45223	.0275927	.0712345	2.975094	.0460436	.0104585
#2	87.20773	.0276261	.0713031	2.967272	.0468758	.0103963
#3	87.19702	.0257885	.0716480	2.927124	.0457688	.0106903

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04 Acquired: 10/28/2024 13:52:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002624	.1011825	F 47.54328	.2397529	F 25.00341	.0144635
Stddev	.000414	.0004229	.11022	.0023593	.06141	.0008326
%RSD	15.76799	.4179729	.2318344	.9840583	.2456248	5.756584
#1	-.002985	.1007679	47.52465	.2377837	24.94699	.0144596
#2	-.002172	.1011662	47.66163	.2423679	25.06882	.0136328
#3	-.002714	.1016133	47.44355	.2391071	24.99441	.0152980

Elem	Sr4077
Units	ppm
Avg	.1994956
Stddev	.0000619
%RSD	.0310231
#1	.1995668
#2	.1994549
#3	.1994651

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.871	65641.95	15002.44	2170.446	4587.985
Stddev	7.604	116.18	39.83	12.887	5.708
%RSD	.2518860	.1769833	.2654723	.5937340	.1244118
#1	3010.318	65563.89	15012.61	2175.740	4590.157
#2	3021.428	65586.50	14958.52	2179.842	4581.510
#3	3024.867	65775.46	15036.20	2155.755	4592.288

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04DUP Acquired: 10/28/2024 13:57:05 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041056	-.006346	.0318722	-.000833	.0010290	26.21319
Stddev	.0025076	.000838	.0010786	.000823	.0017002	.05995
%RSD	61.07676	13.20163	3.384084	98.84238	165.2241	.2287068
#1	.0066183	-.007110	.0306268	-.001019	.0018700	26.15112
#2	.0016032	-.006476	.0324879	-.001547	-.000928	26.21767
#3	.0040954	-.005450	.0325020	.000067	.002145	26.27078

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1924687	.0022274	.0010221	18.13333	.0299176	.0104101
Stddev	.0009685	.0000509	.0000341	.15391	.0003263	.0002484
%RSD	.5031963	2.284143	3.338955	.8487524	1.090738	2.386642
#1	.1913910	.0022365	.0010020	17.97111	.0302604	.0105907
#2	.1927488	.0021725	.0010616	18.15156	.0298815	.0101268
#3	.1932663	.0022731	.0010028	18.27730	.0296108	.0105128

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220563	15.40917	.3828000	6.791599	.0185559	.0009923
Stddev	.0004216	.06659	.0034601	.058677	.0004884	.0002895
%RSD	1.911641	.4321636	.9038952	.8639572	2.632001	29.17771
#1	.0215698	15.33259	.3797213	6.727065	.0182193	.0011323
#2	.0223149	15.45353	.3821342	6.805990	.0183323	.0011851
#3	.0222842	15.44138	.3865447	6.841741	.0191160	.0006593

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	90.14600	.0262207	.0647631	3.020021	.0461344	.0109733
Stddev	.33030	.0008446	.0002604	.013554	.0006641	.0001129
%RSD	.3664058	3.221331	.4020938	.4488100	1.439567	1.028499
#1	89.93220	.0252506	.0644722	3.013229	.0468557	.0108925
#2	90.52643	.0267930	.0649745	3.035628	.0455483	.0109251
#3	89.97938	.0266184	.0648427	3.011206	.0459991	.0111022

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04DUP Acquired: 10/28/2024 13:57:05 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002737	.0997933	F 49.23674	.2367741	F 24.96333	.0131265
Stddev	.000723	.0009148	.19638	.0010046	.05736	.0004346
%RSD	26.43249	.9167395	.3988562	.4242876	.2297686	3.310490
#1	-.003533	.0987414	49.01248	.2362182	24.97177	.0130313
#2	-.002121	.1002344	49.37799	.2379338	24.90223	.0136007
#3	-.002557	.1004040	49.31975	.2361703	25.01601	.0127474

Elem	Sr4077
Units	ppm
Avg	.1998083
Stddev	.0003987
%RSD	.1995212
#1	.1993482
#2	.2000257
#3	.2000511

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2981.060	63473.07	14960.52	2082.222	4546.138
Stddev	11.267	54.82	26.06	2.574	12.459
%RSD	.3779648	.0863635	.1741898	.1236172	.2740514
#1	2974.387	63432.52	14970.24	2079.304	4545.080
#2	2994.069	63451.25	14980.32	2083.190	4559.092
#3	2974.723	63535.44	14931.00	2084.171	4534.242

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04LX5 Acquired: 10/28/2024 14:01:19 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000964	-.001787	.0063937	-.000669	.0009493	5.395436	.0367396
Stddev	.002370	.001934	.0006894	.000816	.0010440	.005019	.0005215
%RSD	245.9187	108.2357	10.78322	122.0224	109.9770	.0930201	1.419537
#1	-.003671	.000226	.0061750	.000203	.0011190	5.390250	.0363600
#2	.000047	-.001956	.0071659	-.000794	.0018981	5.395791	.0373342
#3	.000733	-.003631	.0058401	-.001416	-.000169	5.400269	.0365244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004360	.0001591	3.742269	.0053988	.0020426	.0041084	3.028349
Stddev	.0000183	.0000595	.021544	.0003164	.0002129	.0001031	.020135
%RSD	4.206026	37.40702	.5757039	5.860896	10.42426	2.509637	.6648756
#1	.0004566	.0002260	3.719828	.0054870	.0018804	.0040428	3.020081
#2	.0004215	.0001119	3.744193	.0050476	.0019635	.0040551	3.013665
#3	.0004299	.0001394	3.762788	.0056617	.0022837	.0042272	3.051302

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0785009	1.396823	.0039073	.0006505	17.19694	.0060855	.0100372
Stddev	.0006226	.021511	.0002267	.0001994	.11991	.0012138	.0003087
%RSD	.7931562	1.540023	5.800652	30.64928	.6972920	19.94529	3.076008
#1	.0781229	1.374312	.0037145	.0005217	17.26813	.0069092	.0096951
#2	.0781603	1.398987	.0038505	.0008801	17.05849	.0046916	.0102952
#3	.0792195	1.417171	.0041570	.0005496	17.26418	.0066556	.0101212

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6032136	.0046203	.0021310	.0006044	.0202955	9.741536	.0422107
Stddev	.0119316	.0006873	.0000415	.0005542	.0003410	.020744	.0008361
%RSD	1.978008	14.87679	1.949516	91.69245	1.680325	.2129445	1.980783
#1	.5953540	.0040112	.0020849	.0005161	.0199148	9.722729	.0419934
#2	.5973438	.0044842	.0021424	.0000997	.0205730	9.738091	.0431340
#3	.6169431	.0053655	.0021656	.0011975	.0203987	9.763786	.0415047

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04LX5 Acquired: 10/28/2024 14:01:19 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.181685	.0018374	.0408552
Stddev	.034081	.0001257	.0001800
%RSD	.6577272	6.842495	.4405385
#1	5.142459	.0017929	.0409308
#2	5.204038	.0019794	.0406498
#3	5.198560	.0017400	.0409851

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.375	65983.79	15002.17	2154.118	4849.080
Stddev	11.532	68.30	27.91	11.712	21.168
%RSD	.3801815	.1035074	.1860483	.5437201	.4365425
#1	3039.348	66040.97	15034.37	2167.455	4859.795
#2	3020.081	65908.16	14984.81	2145.507	4824.696
#3	3040.695	66002.24	14987.34	2149.392	4862.748

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04MS Acquired: 10/28/2024 14:05:34 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6854432	1.554772	.8567574	1.648336	.2340826	39.79996
Stddev	.0017862	.041298	.0036431	.003049	.0002437	.12833
%RSD	.2605888	2.656202	.4252251	.1849659	.1041238	.3224257
#1	.6836661	1.575073	.8546707	1.651526	.2338190	39.80403
#2	.6854252	1.507253	.8546374	1.648031	.2341289	39.66965
#3	.6872383	1.581990	.8609641	1.645451	.2342999	39.92620

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3691559	.1712702	.1738440	19.05919	.3989490	.1972551
Stddev	.0018546	.0005971	.0003952	.07279	.0017153	.0002569
%RSD	.5023844	.3486378	.2273615	.3818935	.4299492	.1302601
#1	.3698804	.1711663	.1735409	19.10972	.3982332	.1969703
#2	.3670484	.1719125	.1737001	18.97576	.4009062	.1973253
#3	.3705388	.1707319	.1742910	19.09209	.3977075	.1974696

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2912057	19.64660	.5587338	9.380321	.4836705	.0605378
Stddev	.0004899	.16463	.0030565	.050735	.0008096	.0003328
%RSD	.1682140	.8379598	.5470381	.5408651	.1673812	.5496685
#1	.2908698	19.68814	.5597287	9.421537	.4828706	.0604535
#2	.2917678	19.46518	.5553038	9.323658	.4836516	.0602553
#3	.2909796	19.78649	.5611689	9.395768	.4844894	.0609046

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.01608	.2904328	.2604500	11.92695	.2690278	.3873311
Stddev	.75020	.0013833	.0011765	.08382	.0007844	.0005297
%RSD	.8427642	.4763007	.4517329	.7027808	.2915827	.1367429
#1	89.06363	.2900689	.2611042	11.93301	.2691890	.3877129
#2	88.24324	.2892678	.2590917	11.84027	.2681752	.3875539
#3	89.74137	.2919618	.2611539	12.00758	.2697191	.3867264

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04MS Acquired: 10/28/2024 14:05:34 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0647627	.2333065	F 60.36260	5.849950	F 24.53086	.1750503
Stddev	.0008881	.0010898	.52893	.007398	.11175	.0005819
%RSD	1.371334	.4670889	.8762492	.1264695	.4555289	.3323986
#1	.0656721	.2327945	60.42672	5.841860	24.52478	.1754742
#2	.0638975	.2325669	59.80454	5.851618	24.42228	.1743870
#3	.0647186	.2345579	60.85655	5.856373	24.64552	.1752899

Elem	Sr4077
Units	ppm
Avg	.3821332
Stddev	.0016631
%RSD	.4352145
#1	.3819432
#2	.3805732
#3	.3838831

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2996.036	65465.31	14648.28	2125.441	4537.876
Stddev	12.419	430.37	54.67	25.380	9.964
%RSD	.4145168	.6574065	.3731943	1.194112	.2195644
#1	2995.541	65212.37	14587.98	2112.070	4540.623
#2	2983.871	65962.24	14694.59	2154.711	4526.827
#3	3008.694	65221.34	14662.28	2109.541	4546.178

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04MSD Acquired: 10/28/2024 14:09:33 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6836658	1.469040	.8556912	1.642935	.2320912	39.66703
Stddev	.0007081	.037394	.0052152	.004230	.0014179	.01735
%RSD	.1035750	2.545449	.6094725	.2574671	.6109191	.0437268
#1	.6835166	1.428804	.8496826	1.638107	.2336130	39.67128
#2	.6844366	1.475589	.8590428	1.644712	.2318532	39.64795
#3	.6830442	1.502726	.8583484	1.645987	.2308074	39.68185

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3680698	.1731765	.1732424	19.09429	.4073734	.1972155
Stddev	.0010415	.0013109	.0008569	.04048	.0028290	.0005289
%RSD	.2829740	.7569818	.4946360	.2120175	.6944567	.2681688
#1	.3692607	.1741501	.1722553	19.04958	.4093320	.1966048
#2	.3676200	.1716860	.1736768	19.12846	.4041299	.1975157
#3	.3673288	.1736936	.1737952	19.10483	.4086581	.1975259

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2908889	20.03120	.5606320	9.453712	.4821480	.0615956
Stddev	.0009481	.09292	.0009666	.055258	.0019777	.0001573
%RSD	.3259282	.4638542	.1724089	.5845116	.4101956	.2554363
#1	.2919787	19.95868	.5599084	9.393824	.4799836	.0617685
#2	.2904345	20.13594	.5617297	9.502723	.4825994	.0615572
#3	.2902535	19.99899	.5602578	9.464589	.4838611	.0614610

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	90.36454	.2901677	.2615862	12.11918	.2718713	.3881289
Stddev	.31460	.0014532	.0014764	.06825	.0021959	.0008746
%RSD	.3481442	.5008328	.5644007	.5631171	.8077035	.2253353
#1	90.11822	.2884982	.2632868	12.04830	.2725943	.3891165
#2	90.71893	.2911497	.2608399	12.18444	.2694050	.3874523
#3	90.25648	.2908550	.2606319	12.12479	.2736145	.3878180

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04MSD Acquired: 10/28/2024 14:09:33 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0658548	.2324884	F 61.77578	5.905419	F 24.26016	.1745792
Stddev	.0001859	.0001126	.32505	.062442	.19247	.0024668
%RSD	.2822432	.0484493	.5261745	1.057372	.7933527	1.412989
#1	.0656556	.2323844	61.44238	5.836985	24.04335	.1772042
#2	.0660236	.2324729	62.09177	5.919973	24.32625	.1723090
#3	.0658851	.2326080	61.79319	5.959298	24.41087	.1742246

Elem	Sr4077
Units	ppm
Avg	.3796209
Stddev	.0010297
%RSD	.2712505
#1	.3807652
#2	.3787690
#3	.3793285

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3005.897	64251.33	14621.66	2134.341	4551.990
Stddev	33.992	227.42	22.07	19.943	31.968
%RSD	1.130831	.3539542	.1509278	.9343932	.7022952
#1	2966.859	64407.49	14597.98	2134.516	4515.086
#2	3021.890	63990.41	14625.35	2114.311	4569.699
#3	3028.943	64356.09	14641.65	2154.196	4571.185

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04A Acquired: 10/28/2024 14:13:31 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6848094	1.539257	.8532263	1.658239	.2335801	39.90638
Stddev	.0011379	.021395	.0025692	.007966	.0017702	.15523
%RSD	.1661600	1.389960	.3011189	.4804111	.7578744	.3889834
#1	.6856831	1.515281	.8503488	1.649107	.2321688	39.73110
#2	.6835227	1.556404	.8540397	1.663767	.2330052	39.96155
#3	.6852224	1.546085	.8552903	1.661842	.2355664	40.02648

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3688436	.1713977	.1735351	19.27353	.4014778	.1975608
Stddev	.0013692	.0016097	.0003139	.09946	.0009424	.0003540
%RSD	.3712037	.9391628	.1808628	.5160407	.2347403	.1791766
#1	.3679146	.1699828	.1732983	19.17021	.4020218	.1971816
#2	.3704159	.1710614	.1738911	19.28174	.4003895	.1978825
#3	.3682003	.1731490	.1734158	19.36862	.4020219	.1976184

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2934336	19.71932	.5631245	9.421613	.4844282	.0597562
Stddev	.0005573	.04000	.0028911	.075662	.0008480	.0003185
%RSD	.1899164	.2028527	.5134124	.8030692	.1750537	.5329808
#1	.2929038	19.76151	.5601694	9.377254	.4838491	.0599270
#2	.2933823	19.68195	.5632571	9.378608	.4854016	.0593887
#3	.2940148	19.71450	.5659471	9.508976	.4840339	.0599528

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	89.17068	.2897623	.2672701	11.91293	.2690757	.3846294
Stddev	.49649	.0018098	.0006136	.03049	.0021954	.0006821
%RSD	.5567864	.6245773	.2295983	.2559234	.8159246	.1773291
#1	89.55731	.2876731	.2669410	11.94209	.2666323	.3839338
#2	89.34396	.2908480	.2679782	11.91544	.2697123	.3846574
#3	88.61078	.2907659	.2668913	11.88127	.2708825	.3852971

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4549-04A Acquired: 10/28/2024 14:13:31 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0659246	.2341973	F 60.77747	5.927746	F 24.54808	.1751426
Stddev	.0004372	.0006153	.06828	.009944	.09881	.0020554
%RSD	.6631876	.2627444	.1123379	.1677601	.4025344	1.173531
#1	.0657070	.2348069	60.85190	5.916284	24.43484	.1752004
#2	.0664279	.2342084	60.71774	5.932891	24.61683	.1771684
#3	.0656389	.2335764	60.76278	5.934065	24.59257	.1730589

Elem	Sr4077
Units	ppm
Avg	.3808168
Stddev	.0010847
%RSD	.2848409
#1	.3799803
#2	.3820424
#3	.3804277

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2992.935	65231.24	14587.42	2120.284	4538.351
Stddev	7.742	142.89	74.22	8.355	6.951
%RSD	.2586905	.2190530	.5087784	.3940450	.1531550
#1	2990.389	65066.82	14662.40	2111.423	4534.939
#2	3001.630	65325.33	14585.89	2121.411	4546.348
#3	2986.786	65301.57	14513.99	2128.018	4533.766

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164404BL Acquired: 10/28/2024 14:17:31 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000790	-.000483	-.000451	-.000826	.0001102	.0069130	-.002292
Stddev	.002827	.001273	.000456	.002244	.0005823	.0050842	.000219
%RSD	357.8553	263.8670	100.9632	271.7392	528.2124	73.54457	9.552322
#1	.002020	.000274	-.000914	-.000631	.0003268	.0051140	-.002233
#2	-.003634	.000231	-.000435	.001314	.0005532	.0029730	-.002535
#3	-.000756	-.001953	-.000004	-.003162	-.000549	.0126521	-.002109

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000455	.0000204	-.000045	-.000372	-.000003	-.001028	-.014391
Stddev	.0000275	.0000168	.006600	.000035	.000072	.000113	.001924
%RSD	60.41060	82.68833	14741.44	9.447334	2247.114	10.99172	13.37021
#1	.0000631	.0000233	-.006339	-.000409	.000021	-.000924	-.013128
#2	.0000597	.0000022	-.000618	-.000339	.000054	-.001148	-.013439
#3	.0000138	.0000355	.006823	-.000368	-.000085	-.001013	-.016605

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000184	-.003382	.0001784	.0007520	.0233611	.0003457	-.004592
Stddev	.000192	.003150	.0001219	.0000424	.0046703	.0006754	.000139
%RSD	104.1930	93.13826	68.31356	5.641187	19.99169	195.3465	3.025790
#1	-.000093	-.001154	.0002219	.0008000	.0274522	-.000281	-.004433
#2	-.000055	-.006986	.0002727	.0007368	.0243583	.000257	-.004656
#3	-.000404	-.002006	.0000408	.0007194	.0182728	.001061	-.004687

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177400	-.006029	-.000109	.0013352	.0003009	-.004574	-.002479
Stddev	.0305736	.000465	.000211	.0004883	.0004265	.005449	.000704
%RSD	172.3432	7.707875	193.0717	36.57505	141.7405	119.1399	28.39427
#1	.0365360	-.005615	.000057	.0008289	.0005523	-.009865	-.001761
#2	-.017538	-.006532	-.000346	.0018034	.0005419	-.004877	-.002508
#3	.034222	-.005942	-.000038	.0013733	-.000192	.001021	-.003168

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164404BL Acquired: 10/28/2024 14:17:31 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0086695	-.002436	-.000029
Stddev	.0004525	.000525	.000006
%RSD	5.219765	21.53273	18.90839
#1	.0087562	-.002570	-.000031
#2	.0090724	-.002881	-.000034
#3	.0081799	-.001858	-.000023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3024.091	65863.28	14187.11	2147.640	5043.306
Stddev	3.754	191.41	57.22	17.420	1.935
%RSD	.1241401	.2906101	.4033516	.8111013	.0383631
#1	3027.958	65850.37	14121.70	2143.129	5041.512
#2	3023.856	65678.66	14227.93	2132.919	5045.356
#3	3020.461	66060.82	14211.70	2166.871	5043.050

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164404BS Acquired: 10/28/2024 14:21:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7195310	1.767150	.9069821	1.834096	.7743739	1.877266
Stddev	.0018069	.058489	.0020279	.006391	.0035239	.004317
%RSD	.2511164	3.309807	.2235886	.3484604	.4550588	.2299590
#1	.7199760	1.722466	.9078379	1.827392	.7704036	1.872829
#2	.7175433	1.745634	.9046666	1.834777	.7771306	1.881452
#3	.7210739	1.833350	.9084418	1.840120	.7755874	1.877518

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1793473	.1871591	.1787497	.9681460	.3846137	.1916879
Stddev	.0005773	.0002079	.0005263	.0061239	.0017818	.0005781
%RSD	.3219002	.1110583	.2944303	.6325370	.4632810	.3016004
#1	.1795617	.1869599	.1793310	.9673097	.3825750	.1922197
#2	.1786934	.1871427	.1783057	.9624832	.3858737	.1910725
#3	.1797867	.1873747	.1786122	.9746450	.3853922	.1917714

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3057024	2.906983	.1830589	1.820857	.4826740	.0754561
Stddev	.0004905	.009623	.0010639	.017767	.0009529	.0003455
%RSD	.1604411	.3310283	.5811974	.9757472	.1974173	.4578971
#1	.3058547	2.904427	.1828744	1.812146	.4836495	.0758138
#2	.3051538	2.898896	.1820992	1.809127	.4817455	.0754302
#3	.3060985	2.917626	.1842030	1.841299	.4826270	.0751243

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.713885	.2798676	.2031261	9.720409	.2662336	.4099355
Stddev	.014766	.0016580	.0012577	.036705	.0014946	.0006429
%RSD	.5440842	.5924301	.6191856	.3776067	.5613728	.1568253
#1	2.730777	.2786385	.2045697	9.744219	.2649240	.4096164
#2	2.703435	.2792110	.2022669	9.678139	.2659152	.4095146
#3	2.707443	.2817534	.2025417	9.738870	.2678618	.4106755

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164404BS Acquired: 10/28/2024 14:21:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6617072	.1827444	F .6842408	5.736933	F -.006346	.1671312
Stddev	.0034649	.0005033	.0062385	.021159	.002697	.0013095
%RSD	.5236306	.2754136	.9117395	.3688258	42.50161	.7834995
#1	.6624158	.1822226	.6771395	5.753992	-.003268	.1680960
#2	.6579428	.1827838	.6888389	5.713256	-.008295	.1656406
#3	.6647631	.1832269	.6867441	5.743552	-.007476	.1676571

Elem	Sr4077
Units	ppm
Avg	.1865286
Stddev	.0003667
%RSD	.1965834
#1	.1868720
#2	.1861424
#3	.1865715

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3028.481	64982.25	14043.48	2114.913	4920.063
Stddev	4.403	213.72	13.57	17.052	3.968
%RSD	.1453946	.3288875	.0966300	.8062803	.0806453
#1	3030.432	64735.62	14044.30	2096.879	4915.940
#2	3023.439	65113.14	14056.62	2130.776	4923.855
#3	3031.571	65097.97	14029.51	2117.083	4920.395

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV02 Acquired: 10/28/2024 14:25:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.911807	4.738554	4.864929	4.974656	4.979471	9.712827	9.412954
Stddev	.014465	.076586	.010841	.018402	.003803	.015346	.093689
%RSD	.2945023	1.616235	.2228401	.3699193	.0763799	.1579928	.9953216
#1	4.912452	4.661786	4.874704	4.976434	4.976055	9.726208	9.516798
#2	4.925940	4.814957	4.853269	4.992105	4.983569	9.716195	9.387296
#3	4.897031	4.738919	4.866815	4.955430	4.978789	9.696077	9.334766

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2402093	2.436367	23.76209	.9593863	2.432376	1.249920	4.834936
Stddev	.0014177	.006131	.13013	.0050828	.003621	.001511	.017400
%RSD	.5901870	.2516399	.5476340	.5297962	.1488648	.1208508	.3598752
#1	.2405077	2.443228	23.89720	.9598002	2.436401	1.251632	4.854414
#2	.2414541	2.431426	23.75150	.9642495	2.429382	1.248777	4.820931
#3	.2386662	2.434448	23.63759	.9541092	2.431346	1.249349	4.829461

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.322547	23.73030	2.441141	1.238915	24.10225	2.395473	2.510391
Stddev	.007222	.20412	.003621	.000404	.08312	.005131	.005288
%RSD	.3109472	.8601697	.1483174	.0325879	.3448636	.2141865	.2106453
#1	2.329807	23.94594	2.444549	1.238847	24.08763	2.397425	2.509268
#2	2.322470	23.70486	2.437340	1.239349	24.02741	2.399342	2.516150
#3	2.315363	23.54008	2.441535	1.238550	24.19171	2.389653	2.505754

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.59583	4.760178	5.053430	4.852177	4.694023	5.088641	5.212882
Stddev	.13704	.026401	.002406	.007297	.012158	.018600	.008871
%RSD	.5571682	.5546228	.0476202	.1503944	.2590022	.3655168	.1701839
#1	24.59040	4.773964	5.052515	4.859129	4.703117	5.084691	5.206739
#2	24.46159	4.776833	5.056159	4.852826	4.698737	5.072332	5.208855
#3	24.73551	4.729738	5.051615	4.844577	4.680214	5.108898	5.223053

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV02 Acquired: 10/28/2024 14:25:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.735650	4.605289	4.814131
Stddev	.029159	.011680	.062915
%RSD	.6157373	.2536273	1.306885
#1	4.739044	4.618641	4.876766
#2	4.762963	4.596967	4.814687
#3	4.704942	4.600258	4.750940

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2904.720	63388.41	13394.68	2065.059	4465.068
Stddev	.894	229.67	100.08	12.499	3.240
%RSD	.0307664	.3623196	.7471308	.6052778	.0725622
#1	2905.746	63124.88	13298.17	2052.362	4468.072
#2	2904.109	63545.85	13387.90	2077.351	4465.498
#3	2904.306	63494.51	13497.98	2065.462	4461.635

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB02 Acquired: 10/28/2024 14:30:03 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000840	-.000363	-.000353	.0001529	.0009849	.0040651	-.002179
Stddev	.001235	.000982	.000349	.0007546	.0003673	.0049899	.000085
%RSD	146.9930	270.6681	98.82982	493.6725	37.29202	122.7493	3.920586
#1	-.000126	-.001183	-.000733	-.000607	.0006157	.0090278	-.002134
#2	-.000128	-.000632	-.000281	.000902	.0009889	.0041190	-.002125
#3	-.002266	.000726	-.000046	.000163	.0013502	-.000952	-.002277

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	-.000008	.0045375	-.000621	-.000023	-.001058	-.014181
Stddev	.000046	.000051	.0022050	.000186	.000152	.000196	.001638
%RSD	2944.149	655.7261	48.59606	30.01330	662.3659	18.55198	11.54992
#1	-.000021	-.000044	.0049519	-.000406	-.000163	-.000845	-.012992
#2	-.000034	-.000030	.0021546	-.000731	.000139	-.001232	-.013501
#3	.000051	.000051	.0065058	-.000725	-.000045	-.001097	-.016049

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000123	-.000295	.0000711	.0005909	-.074984	-.000273	-.004626
Stddev	.000124	.011765	.0001360	.0001575	.004524	.000977	.000296
%RSD	100.7062	3991.968	191.2093	26.64816	6.033537	358.1184	6.404074
#1	-.000024	.011063	.0001967	.0007683	-.079998	.000737	-.004290
#2	-.000084	-.012428	-.000073	.0005370	-.071206	-.001213	-.004736
#3	-.000262	.000481	.000090	.0004675	-.073749	-.000342	-.004850

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.022055	-.000813	-.000035	.0017266	.0003240	-.013465	-.002967
Stddev	.006199	.000240	.000044	.0005963	.0006394	.002708	.000281
%RSD	28.10695	29.50620	127.1993	34.53734	197.3639	20.11470	9.454445
#1	-.015726	-.000609	-.000018	.0010620	.0010611	-.014298	-.003174
#2	-.028115	-.000753	-.000001	.0022148	-.000007	-.010438	-.002648
#3	-.022323	-.001077	-.000085	.0019029	-.000082	-.015660	-.003080

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB02 Acquired: 10/28/2024 14:30:03 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB02 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012108	-.002879	.0000310
Stddev	.0022436	.001748	.0000139
%RSD	185.3010	60.70961	44.93222
#1	.0016984	-.004710	.0000442
#2	-.001237	-.002698	.0000322
#3	.003170	-.001228	.0000165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3109.929	65116.16	14244.48	2165.684	5187.876
Stddev	19.020	200.56	45.84	9.935	24.988
%RSD	.6115809	.3080023	.3218372	.4587309	.4816704
#1	3088.473	64884.65	14195.85	2157.530	5160.354
#2	3116.598	65226.93	14286.91	2162.772	5194.134
#3	3124.717	65236.91	14250.67	2176.749	5209.141

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-01 Acquired: 10/28/2024 14:34:24 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041775	.0002317	.1016469	-.004787	.0052487	4.638194
Stddev	.0002699	.0011804	.0011635	.000816	.0016745	.002358
%RSD	6.459726	509.4168	1.144611	17.05084	31.90241	.0508492
#1	.0043153	-.000969	.1028214	-.005490	.0071790	4.640907
#2	.0038666	.000272	.1004947	-.003892	.0041871	4.637039
#3	.0043507	.001391	.1016246	-.004979	.0043799	4.636635

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1364158	.0005166	.0020517	110.8086	.0192170	.0072414
Stddev	.0002802	.0000273	.0000761	.4340	.0004542	.0001657
%RSD	.2054066	5.277973	3.708744	.3916549	2.363754	2.288066
#1	.1367140	.0005013	.0021111	111.2080	.0197414	.0072163
#2	.1361579	.0005005	.0020780	110.8711	.0189645	.0070897
#3	.1363756	.0005481	.0019659	110.3468	.0189450	.0074182

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0869400	26.05016	.5486352	11.80595	.0185122	.0018574
Stddev	.0002154	.07114	.0041390	.05780	.0001409	.0000647
%RSD	.2477708	.2730752	.7544223	.4895954	.7611348	3.481868
#1	.0871755	26.13209	.5532681	11.82479	.0185548	.0019302
#2	.0867530	26.01427	.5473356	11.85199	.0186270	.0018351
#3	.0868914	26.00412	.5453020	11.74109	.0183550	.0018068

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.32555	.0133960	.5887223	15.72805	.0776232	.0041166
Stddev	.17013	.0008328	.0016331	.04548	.0001091	.0001054
%RSD	.3838186	6.216649	.2773952	.2891427	.1405602	2.561083
#1	44.48411	.0136434	.5870275	15.77372	.0775559	.0039951
#2	44.14583	.0140769	.5888538	15.68277	.0777490	.0041709
#3	44.34670	.0124675	.5902858	15.72767	.0775646	.0041839

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-01 Acquired: 10/28/2024 14:34:24 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000321	.1750201	F 15.17981	4.919643	3.790274	.0357527
Stddev	.0000341	.0002805	.04450	.022629	.024360	.0008802
%RSD	106.1300	.1602857	.2931761	.4599710	.6427052	2.461935
#1	-.000001	.1748232	15.12926	4.925266	3.776208	.0350178
#2	.000031	.1748958	15.21310	4.938930	3.818403	.0355122
#3	.000067	.1753413	15.19706	4.894732	3.776212	.0367282

Elem	Sr4077
Units	ppm
Avg	.3586933
Stddev	.0010328
%RSD	.2879449
#1	.3598649
#2	.3579145
#3	.3583006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2838.111	63630.92	14729.35	2069.602	4420.603
Stddev	14.944	245.85	11.81	8.883	17.527
%RSD	.5265628	.3863681	.0802128	.4292218	.3964887
#1	2849.267	63813.33	14735.04	2068.948	4432.289
#2	2843.934	63728.08	14737.24	2078.795	4429.069
#3	2821.131	63351.33	14715.76	2061.065	4400.449

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02 Acquired: 10/28/2024 14:38:35 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038426	-.000273	.1027710	-.004742	.0052270	4.825256
Stddev	.0015621	.001401	.0004466	.000555	.0010868	.007194
%RSD	40.65117	513.8524	.4345569	11.70946	20.79296	.1490889
#1	.0033186	-.001729	.1023099	-.004146	.0040466	4.817207
#2	.0055994	-.000154	.1032016	-.004835	.0054481	4.827502
#3	.0026100	.001065	.1028015	-.005245	.0061862	4.831060

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1399074	.0005266	.0020151	111.9119	.0198957	.0072736
Stddev	.0003822	.0000470	.0000722	.1742	.0001375	.0000897
%RSD	.2731501	8.929659	3.583874	.1557028	.6909796	1.233819
#1	.1402892	.0005084	.0020984	112.0987	.0199984	.0073453
#2	.1395249	.0005800	.0019762	111.8831	.0197395	.0073026
#3	.1399081	.0004913	.0019706	111.7538	.0199492	.0071730

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0907655	26.85004	.5544446	11.90576	.0197836	.0018862
Stddev	.0008631	.12258	.0010398	.04096	.0001585	.0000817
%RSD	.9509531	.4565445	.1875454	.3440054	.8012093	4.333110
#1	.0903645	26.98318	.5555275	11.95302	.0197690	.0019383
#2	.0901759	26.82509	.5543524	11.88361	.0196329	.0017920
#3	.0917562	26.74185	.5534539	11.88064	.0199489	.0019283

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.15402	.0144141	.6160784	16.43740	.0767904	.0042030
Stddev	.16698	.0007952	.0012285	.03460	.0002857	.0002203
%RSD	.3617894	5.516605	.1994065	.2104889	.3721070	5.241384
#1	46.34470	.0136862	.6173113	16.47649	.0770953	.0040948
#2	46.08343	.0152627	.6148544	16.42501	.0767471	.0044564
#3	46.03392	.0142935	.6160696	16.41070	.0765288	.0040577

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02 Acquired: 10/28/2024 14:38:35 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006279	.1842961	F 16.02115	5.011203	4.466456	.0373392
Stddev	.0002844	.0001439	.02474	.021930	.006629	.0010642
%RSD	45.29199	.0780699	.1544099	.4376194	.1484251	2.850059
#1	.0008665	.1843669	16.04744	5.025679	4.458851	.0361110
#2	.0007041	.1841305	16.01767	5.021958	4.471011	.0379886
#3	.0003132	.1843909	15.99834	4.985972	4.469508	.0379179

Elem	Sr4077
Units	ppm
Avg	.3667757
Stddev	.0006231
%RSD	.1698959
#1	.3670221
#2	.3660670
#3	.3672379

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2709.249	61468.24	14533.08	1965.553	4251.111
Stddev	19.142	53.22	10.25	6.023	21.113
%RSD	.7065362	.0865747	.0705534	.3064199	.4966369
#1	2728.580	61415.25	14535.74	1958.981	4274.845
#2	2708.865	61467.81	14541.75	1970.809	4244.068
#3	2690.302	61521.68	14521.76	1966.868	4234.420

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02DUP Acquired: 10/28/2024 14:42:45 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029821	.0002840	.1035269	-.004211	.0053760	4.806301
Stddev	.0013662	.0005926	.0019801	.001642	.0004371	.002871
%RSD	45.81379	208.6678	1.912635	38.98870	8.130930	.0597247
#1	.0043651	-.000344	.1033956	-.006079	.0049297	4.807977
#2	.0029479	.000833	.1055693	-.002999	.0058033	4.807939
#3	.0016334	.000362	.1016157	-.003555	.0053950	4.802986

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1395868	.0005023	.0019374	112.3184	.0199666	.0072466
Stddev	.0002811	.0000527	.0000829	.5257	.0005653	.0000641
%RSD	.2014088	10.49205	4.280467	.4680366	2.831189	.8849932
#1	.1399080	.0005614	.0018465	112.8488	.0205484	.0073142
#2	.1393854	.0004602	.0019568	112.3088	.0199321	.0072389
#3	.1394670	.0004854	.0020090	111.7975	.0194194	.0071866

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0890063	27.54215	.5544674	11.95070	.0193580	.0021078
Stddev	.0002290	.08028	.0027712	.03906	.0003359	.0003490
%RSD	.2572740	.2914766	.4997905	.3268231	1.735382	16.55851
#1	.0888571	27.63474	.5574887	11.97419	.0196667	.0018931
#2	.0892699	27.49212	.5538696	11.97230	.0190002	.0025105
#3	.0888918	27.49957	.5520439	11.90561	.0194073	.0019198

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.52342	.0140731	.6174196	16.98906	.0767765	.0043352
Stddev	.11258	.0003316	.0039843	.04323	.0007182	.0001904
%RSD	.2368840	2.355902	.6453167	.2544623	.9353883	4.392875
#1	47.39477	.0144386	.6134346	16.94928	.0773226	.0041551
#2	47.60387	.0139889	.6214033	16.98284	.0770439	.0043159
#3	47.57162	.0137918	.6174209	17.03507	.0759630	.0045346

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02DUP Acquired: 10/28/2024 14:42:45 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005192	.1753522	F 16.30888	4.954044	4.404391	.0379348
Stddev	.0002409	.0005503	.03361	.006550	.022406	.0011629
%RSD	46.39014	.3138148	.2061031	.1322103	.5087085	3.065420
#1	.0003557	.1757599	16.27382	4.947052	4.429631	.0379264
#2	.0004062	.1747263	16.31198	4.955044	4.396693	.0391018
#3	.0007958	.1755705	16.34084	4.960036	4.386850	.0367762

Elem	Sr4077
Units	ppm
Avg	.3696029
Stddev	.0006567
%RSD	.1776707
#1	.3697477
#2	.3701750
#3	.3688859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.423	59515.23	14441.99	1905.165	4277.238
Stddev	6.894	103.69	29.50	7.987	4.777
%RSD	.2529677	.1742209	.2042333	.4192344	.1116895
#1	2724.584	59606.97	14415.52	1912.836	4277.681
#2	2732.699	59535.97	14436.67	1905.762	4281.779
#3	2718.987	59402.73	14473.79	1896.896	4272.255

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02LX5 Acquired: 10/28/2024 14:46:55 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000075	-.000477	.0208316	.0000738	.0013281	.9547308	.0261792
Stddev	.001872	.001153	.0003668	.0002705	.0004592	.0077402	.0001310
%RSD	2484.994	241.7477	1.760823	366.3709	34.57742	.8107205	.5004048
#1	.002080	.000331	.0205060	.0001010	.0018411	.9617279	.0263136
#2	-.001009	-.001798	.0207597	.0003297	.0011876	.9464165	.0260519
#3	-.001297	.000036	.0212290	-.000209	.0009555	.9560479	.0261722

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001192	.0003352	22.98214	.0033527	.0013376	.0172801	5.198533
Stddev	.0000374	.0000307	.02344	.0002778	.0002561	.0003894	.032424
%RSD	31.35153	9.153510	.1019740	8.286988	19.14365	2.253281	.6237231
#1	.0001265	.0003202	22.97936	.0035574	.0011403	.0175804	5.162334
#2	.0000787	.0003705	23.00683	.0034644	.0016270	.0174198	5.224914
#3	.0001523	.0003149	22.96021	.0030364	.0012456	.0168402	5.208351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1152486	2.448486	.0039618	.0008297	8.183707	.0029878	.1146666
Stddev	.0003329	.012618	.0001448	.0002108	.082048	.0003502	.0006365
%RSD	.2888961	.5153325	3.653962	25.40047	1.002577	11.72037	.5551251
#1	.1156308	2.442253	.0037968	.0005893	8.096199	.0026950	.1144061
#2	.1150936	2.463007	.0040213	.0009177	8.258904	.0033757	.1153920
#3	.1150215	2.440196	.0040674	.0009823	8.196017	.0028927	.1142016

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.040785	.0113156	.0010737	.0003446	.0361020	2.936639	.9459540
Stddev	.011488	.0001963	.0000393	.0007056	.0001703	.015503	.0014306
%RSD	.3778046	1.734819	3.659275	204.7460	.4717857	.5279128	.1512308
#1	3.030133	.0115403	.0011012	.0000576	.0362812	2.929820	.9444628
#2	3.052958	.0112297	.0010913	.0011485	.0359423	2.954383	.9460841
#3	3.039265	.0111770	.0010287	-.000172	.0360824	2.925715	.9473151

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02LX5 Acquired: 10/28/2024 14:46:55 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8276750	.0064840	.0741306
Stddev	.0065937	.0021193	.0001811
%RSD	.7966473	32.68468	.2442859
#1	.8285710	.0041513	.0741277
#2	.8206792	.0082907	.0739510
#3	.8337748	.0070099	.0743132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2965.819	65105.02	14248.86	2110.792	4810.704
Stddev	14.114	351.00	74.30	15.521	15.081
%RSD	.4758916	.5391328	.5214645	.7353023	.3134926
#1	2951.863	65224.69	14163.54	2114.617	4794.398
#2	2965.508	64709.83	14283.68	2093.716	4813.564
#3	2980.086	65380.54	14299.36	2124.043	4824.151

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02MS Acquired: 10/28/2024 14:51:11 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7845538	1.774061	1.019923	1.222883	.8144109	7.092011
Stddev	.0048481	.025073	.003623	.007828	.0056613	.027102
%RSD	.6179493	1.413336	.3552677	.6401084	.6951427	.3821547
#1	.7828896	1.781839	1.018343	1.218062	.8090159	7.122510
#2	.7807569	1.746020	1.017358	1.218672	.8139115	7.082836
#3	.7900148	1.794323	1.024068	1.231915	.8203054	7.070686

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3298908	.1930946	.1868312	114.9186	.4092673	.2071359
Stddev	.0016560	.0011190	.0007999	.6221	.0016729	.0004434
%RSD	.5019770	.5795300	.4281365	.5413820	.4087489	.2140759
#1	.3315931	.1943858	.1860491	115.5891	.4111636	.2067622
#2	.3297939	.1924050	.1867968	114.8069	.4080006	.2070196
#3	.3282854	.1924931	.1876478	114.3599	.4086376	.2076259

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3988011	29.11593	.7504536	13.98433	.5170828	.0801907
Stddev	.0016220	.21060	.0031044	.06752	.0017800	.0007146
%RSD	.4067243	.7233119	.4136748	.4828297	.3442303	.8910698
#1	.3972315	29.35799	.7534652	14.05489	.5153093	.0809996
#2	.3987010	29.01508	.7506317	13.97777	.5170699	.0796453
#3	.4004709	28.97472	.7472640	13.92033	.5188692	.0799273

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	47.65772	.2986428	.8173119	26.37763	.3432279	.4198047
Stddev	.33830	.0010276	.0080697	.21556	.0028268	.0020247
%RSD	.7098541	.3441007	.9873453	.8172084	.8235797	.4823015
#1	48.02021	.2996646	.8265901	26.61840	.3462662	.4187737
#2	47.60254	.2976094	.8134179	26.31194	.3406757	.4185030
#3	47.35040	.2986544	.8119276	26.20256	.3427417	.4221375

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02MS Acquired: 10/28/2024 14:51:11 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6246761	.3801060	F 17.13707	F 11.34251	5.159043	.2171888
Stddev	.0013653	.0055113	.11648	.02603	.024107	.0024991
%RSD	.2185670	1.449952	.6796995	.2295009	.4672690	1.150654
#1	.6238040	.3856564	17.27090	11.31247	5.142643	.2200298
#2	.6239747	.3800272	17.08178	11.35848	5.147765	.2153303
#3	.6262495	.3746345	17.05853	11.35658	5.186721	.2162063

Elem	Sr4077
Units	ppm
Avg	.5645467
Stddev	.0024195
%RSD	.4285674
#1	.5671602
#2	.5640950
#3	.5623849

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.979	63161.83	14230.50	2036.031	4360.545
Stddev	13.412	202.95	10.70	6.619	17.649
%RSD	.4768026	.3213247	.0752186	.3250808	.4047507
#1	2822.536	62942.16	14219.56	2029.584	4373.983
#2	2818.755	63342.36	14240.95	2042.809	4367.095
#3	2797.646	63200.98	14230.99	2035.701	4340.557

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02MSD Acquired: 10/28/2024 14:55:10 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8015828	1.758986	1.031708	1.261222	.8342617	7.040879
Stddev	.0009995	.030828	.004589	.003758	.0005323	.011521
%RSD	.1246849	1.752604	.4448246	.2979308	.0638018	.1636289
#1	.8026826	1.768566	1.031508	1.258796	.8347784	7.027943
#2	.8007300	1.783887	1.036395	1.265550	.8342915	7.044661
#3	.8013359	1.724506	1.027223	1.259319	.8337151	7.050034

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3305365	.1899610	.1881893	114.4557	.4053774	.2086592
Stddev	.0006653	.0001247	.0006141	.3702	.0011535	.0007372
%RSD	.2012833	.0656665	.3263390	.3234109	.2845483	.3533037
#1	.3297692	.1901050	.1884895	114.8583	.4065070	.2088041
#2	.3309530	.1898912	.1885956	114.1301	.4054237	.2093132
#3	.3308872	.1898868	.1874828	114.3787	.4042015	.2078603

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4058093	29.41209	.7414656	13.92904	.5211909	.0816217
Stddev	.0009294	.11952	.0034364	.04323	.0013916	.0003371
%RSD	.2290238	.4063663	.4634621	.3103318	.2670060	.4130703
#1	.4047967	29.54606	.7450281	13.96515	.5219983	.0818467
#2	.4066235	29.31639	.7381709	13.88115	.5219904	.0817843
#3	.4060076	29.37381	.7411979	13.94084	.5195840	.0812340

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	48.63365	.2994097	.8087163	27.02917	.3399561	.4332067
Stddev	.08404	.0015055	.0018809	.06844	.0008159	.0017710
%RSD	.1727941	.5028233	.2325755	.2531996	.2400011	.4088148
#1	48.67085	.3011458	.8108882	27.02059	.3405469	.4325417
#2	48.69267	.2986196	.8076314	27.10150	.3390252	.4352140
#3	48.53744	.2984638	.8076294	26.96543	.3402963	.4318645

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02MSD Acquired: 10/28/2024 14:55:10 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6245211	.3658977	F 17.17068	F 11.35280	5.144440	.2174046
Stddev	.0025072	.0036955	.01913	.04976	.019568	.0005948
%RSD	.4014589	1.009970	.1114334	.4382938	.3803656	.2735849
#1	.6265218	.3701449	17.19090	11.34982	5.147705	.2167283
#2	.6253330	.3641309	17.16828	11.40398	5.162170	.2178462
#3	.6217086	.3634173	17.15286	11.30459	5.123446	.2176394

Elem	Sr4077
Units	ppm
Avg	.5664301
Stddev	.0010259
%RSD	.1811215
#1	.5652605
#2	.5668524
#3	.5671776

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.590	61960.63	14222.84	1980.864	4266.977
Stddev	11.514	48.91	15.25	6.259	6.608
%RSD	.4215132	.0789334	.1072474	.3159619	.1548569
#1	2743.502	62005.92	14226.93	1982.228	4273.809
#2	2720.520	61908.77	14235.62	1986.329	4260.619
#3	2730.748	61967.21	14205.95	1974.036	4266.503

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02A Acquired: 10/28/2024 14:59:07 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8016772	1.783682	1.017093	1.259923	.8313571	6.869318
Stddev	.0031671	.003200	.001405	.007661	.0024999	.156833
%RSD	.3950550	.1793798	.1381714	.6080608	.3007047	2.283089
#1	.7990889	1.787212	1.017587	1.251282	.8309350	6.943077
#2	.8007341	1.782860	1.015507	1.262602	.8290952	6.689204
#3	.8052088	1.780973	1.018184	1.265886	.8340413	6.975673

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3208757	.1843689	.1857696	111.0783	.4010890	.2053756
Stddev	.0073001	.0032671	.0005772	2.3553	.0014050	.0003417
%RSD	2.275065	1.772031	.3106939	2.120441	.3503083	.1663766
#1	.3257698	.1858616	.1856958	112.6686	.4023529	.2052516
#2	.3124850	.1806222	.1852329	108.3724	.4013378	.2051133
#3	.3243724	.1866231	.1863801	112.1937	.3995761	.2057620

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4011092	29.56092	.7187926	13.48971	.5141537	.0813424
Stddev	.0014367	.20753	.0158123	.26069	.0008629	.0000924
%RSD	.3581825	.7020361	2.199838	1.932475	.1678346	.1136352
#1	.4000638	29.74543	.7300712	13.69422	.5141444	.0813359
#2	.4005163	29.33625	.7007186	13.19617	.5132955	.0812534
#3	.4027474	29.60108	.7255881	13.57873	.5150213	.0814379

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	49.35918	.2921206	.8147472	27.49189	.3308774	.4309446
Stddev	.30596	.0067634	.0011601	.17550	.0047008	.0009583
%RSD	.6198654	2.315271	.1423918	.6383602	1.420693	.2223796
#1	49.61287	.2973790	.8148997	27.62481	.3336395	.4307103
#2	49.01940	.2844909	.8135184	27.29296	.3254497	.4301252
#3	49.44528	.2944920	.8158235	27.55791	.3335430	.4319984

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4554-02A Acquired: 10/28/2024 14:59:07 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6139618	.3477920	F 17.26353	F 11.04688	5.071802	.2130742
Stddev	.0016650	.0083472	.08003	.01421	.006764	.0038007
%RSD	.2711936	2.400045	.4636045	.1286302	.1333641	1.783757
#1	.6121642	.3527509	17.32806	11.06121	5.065717	.2135002
#2	.6154512	.3381549	17.17397	11.03279	5.070603	.2090784
#3	.6142700	.3524703	17.28857	11.04665	5.079085	.2166439

Elem	Sr4077
Units	ppm
Avg	.5532008
Stddev	.0140477
%RSD	2.539348
#1	.5614231
#2	.5369804
#3	.5611989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.924	60688.22	14544.56	1932.359	4270.368
Stddev	11.552	75.73	264.58	1.845	14.881
%RSD	.4245756	.1247827	1.819078	.0954842	.3484814
#1	2732.541	60603.68	14373.50	1930.386	4286.607
#2	2720.793	60749.83	14849.30	1934.041	4267.115
#3	2709.438	60711.17	14410.86	1932.651	4257.382

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164410BL Acquired: 10/28/2024 15:03:06 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001081	-.000989	.0001574	.0002396	.0000289	.0031910	-.003775
Stddev	.001750	.000467	.0000130	.0016408	.0009289	.0009635	.000554
%RSD	161.8657	47.26747	8.272319	684.8667	3212.678	30.19437	14.67722
#1	-.002380	-.001305	.0001441	-.000408	.0004945	.0037823	-.003763
#2	.000909	-.000452	.0001701	-.000979	.0006329	.0037114	-.004335
#3	-.001774	-.001210	.0001580	.002105	-.001041	.0020792	-.003227

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000469	-.000050	.0013640	-.000447	-.000013	-.001396	-.013443
Stddev	.0000185	.000035	.0036893	.000328	.000084	.000545	.001299
%RSD	39.52437	70.17329	270.4725	73.28747	666.3994	39.05168	9.664682
#1	.0000384	-.000089	.0054263	-.000689	.000071	-.001095	-.014731
#2	.0000681	-.000042	-.001778	-.000074	-.000011	-.002026	-.013467
#3	.0000342	-.000020	.000444	-.000580	-.000097	-.001068	-.012133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000048	.0028288	.0000253	.0004627	-.057784	-.000255	-.004613
Stddev	.000222	.0079839	.0002533	.0001678	.007074	.001123	.000118
%RSD	458.4526	282.2397	1000.721	36.27750	12.24202	440.5592	2.568179
#1	-.000302	.0003823	-.000231	.0004812	-.065637	.000069	-.004635
#2	.000053	.0117497	.000276	.0006205	-.051912	.000671	-.004485
#3	.000104	-.003646	.000031	.0002863	-.055802	-.001505	-.004718

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0173664	-.005757	-.000176	.0016900	.0004984	-.010894	-.002253
Stddev	.0056318	.000392	.000141	.0005047	.0000371	.005757	.002154
%RSD	32.42916	6.806194	79.93988	29.86678	7.448523	52.84846	95.61754
#1	.0204135	-.005394	-.000308	.0014446	.0005304	-.014853	-.000940
#2	.0108676	-.005704	-.000192	.0022705	.0004577	-.013540	-.001080
#3	.0208180	-.006173	-.000028	.0013548	.0005071	-.004289	-.004740

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164410BL Acquired: 10/28/2024 15:03:06 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0031004	-.001615	-.000036
Stddev	.0041988	.001101	.000017
%RSD	135.4253	68.21784	46.55440
#1	.0070730	-.002534	-.000040
#2	-.001293	-.001916	-.000018
#3	.003521	-.000394	-.000050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3026.632	66310.11	14230.44	2137.661	5106.237
Stddev	5.307	267.73	38.86	16.067	8.795
%RSD	.1753288	.4037578	.2730981	.7516232	.1722462
#1	3020.626	66011.72	14187.24	2121.883	5096.138
#2	3028.585	66389.27	14241.53	2137.098	5110.361
#3	3030.686	66529.33	14262.55	2154.003	5112.213

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164410BS Acquired: 10/28/2024 15:07:27 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7053228	F 1.695315	.8894451	1.789246	.7558076	1.847158
Stddev	.0011430	.038758	.0030268	.006051	.0014636	.009429
%RSD	.1620520	2.286173	.3402987	.3381654	.1936403	.5104507
#1	.7059495	1.728326	.8929356	1.796072	.7572634	1.857834
#2	.7040035	1.704980	.8878535	1.787126	.7558229	1.839973
#3	.7060152	1.652640	.8875461	1.784542	.7543364	1.843666

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1801492	.1859705	.1752789	.9592725	.3879693	.1887955
Stddev	.0005355	.0006407	.0000784	.0052880	.0011856	.0003510
%RSD	.2972591	.3445199	.0447568	.5512492	.3056008	.1859033
#1	.1807625	.1856406	.1753651	.9560711	.3866319	.1884254
#2	.1799104	.1855619	.1752117	.9563704	.3888914	.1888377
#3	.1797746	.1867089	.1752600	.9653761	.3883846	.1891235

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3026990	2.927571	.1832477	1.797949	.4752147	.0749048
Stddev	.0008250	.012909	.0006718	.003792	.0004126	.0001676
%RSD	.2725336	.4409564	.3666340	.2108934	.0868277	.2237513
#1	.3032742	2.940536	.1835684	1.797145	.4755911	.0747126
#2	.3017538	2.914718	.1824756	1.802078	.4752794	.0749820
#3	.3030690	2.927459	.1836991	1.794623	.4747735	.0750200

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.761155	.2762036	.2029887	9.798248	.2645438	.3990319
Stddev	.017712	.0003911	.0008291	.031769	.0011181	.0011493
%RSD	.6414715	.1415985	.4084338	.3242274	.4226556	.2880202
#1	2.773207	.2757526	.2039198	9.830771	.2632839	.3999046
#2	2.769440	.2764489	.2023304	9.767292	.2654180	.3994614
#3	2.740819	.2764095	.2027159	9.796682	.2649295	.3977297

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164410BS Acquired: 10/28/2024 15:07:27 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6457751	.1790109	F .6666863	5.758008	F -.006164	.1702689
Stddev	.0023436	.0004907	.0066266	.011652	.000590	.0004584
%RSD	.3629146	.2741381	.9939579	.2023594	9.576754	.2692398
#1	.6477850	.1793821	.6731918	5.744622	-.005607	.1698380
#2	.6463396	.1791962	.6599449	5.763523	-.006102	.1702180
#3	.6432009	.1784545	.6669223	5.765878	-.006783	.1707507

Elem	Sr4077
Units	ppm
Avg	.1866950
Stddev	.0005105
%RSD	.2734534
#1	.1872660
#2	.1865367
#3	.1862825

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3045.460	64360.02	14022.90	2137.632	4946.074
Stddev	6.763	243.50	25.85	12.612	8.111
%RSD	.2220753	.3783477	.1843260	.5900026	.1639789
#1	3038.980	64084.36	13994.27	2123.445	4938.039
#2	3044.926	64449.83	14044.51	2141.878	4945.926
#3	3052.474	64545.86	14029.93	2147.574	4954.258

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-01 Acquired: 10/28/2024 15:11:27 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001737	.0009099	.0011888	-.001444	-.000926	.1251108	.1282571
Stddev	.0010936	.0015266	.0015515	.001705	.000187	.0058683	.0003349
%RSD	629.6682	167.7793	130.5086	118.1281	20.17999	4.690524	.2610976
#1	.0009425	-.000339	-.000511	-.002198	-.000711	.1275998	.1281323
#2	.0006569	.000457	.001549	-.002642	-.001018	.1184081	.1286364
#3	-.001078	.002612	.002528	.000509	-.001050	.1293244	.1280024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000546	.0003522	42.83698	.0016766	.0014875	-.000012	6.265978
Stddev	.0000471	.0000282	.41793	.0004729	.0002134	.000382	.044554
%RSD	86.29962	8.013507	.9756349	28.20563	14.34268	3266.761	.7110520
#1	.0000744	.0003350	43.17419	.0011831	.0012957	.000423	6.232425
#2	.0000008	.0003368	42.96734	.0017208	.0017173	-.000292	6.316529
#3	.0000887	.0003848	42.36940	.0021258	.0014496	-.000167	6.248979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.693903	8.176501	.0028746	.0007835	208.2445	.0020648	.0095383
Stddev	.013551	.090110	.0001063	.0000689	2.8256	.0005286	.0002044
%RSD	.7999947	1.102060	3.698357	8.793272	1.356859	25.60190	2.143391
#1	1.703733	8.255992	.0029125	.0007039	205.1569	.0014740	.0094056
#2	1.699532	8.194898	.0027545	.0008253	210.7015	.0022272	.0094355
#3	1.678445	8.078612	.0029567	.0008211	208.8750	.0024931	.0097737

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.315602	.1076557	-.000075	-.003420	.0020798	5.850356	.3736235
Stddev	.103839	.0013486	.000091	.000673	.0005349	.056780	.0032706
%RSD	1.248726	1.252704	121.9508	19.68445	25.71596	.9705451	.8753631
#1	8.212549	.1082850	-.000132	-.002798	.0024247	5.801172	.3738951
#2	8.420210	.1085746	-.000123	-.003327	.0014637	5.912494	.3767497
#3	8.314046	.1061075	.000030	-.004135	.0023512	5.837403	.3702255

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-01 Acquired: 10/28/2024 15:11:27 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.169768	.0076637	.2933992
Stddev	.015765	.0014749	.0013308
%RSD	.3780745	19.24486	.4535703
#1	4.152711	.0080306	.2930510
#2	4.172790	.0060400	.2948694
#3	4.183803	.0089205	.2922771

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.390	61873.67	14411.01	2045.307	4285.846
Stddev	33.421	522.57	94.60	27.376	37.801
%RSD	1.195570	.8445786	.6564508	1.338462	.8819975
#1	2830.767	62387.74	14339.54	2070.773	4324.851
#2	2791.055	61342.99	14375.20	2016.355	4283.310
#3	2764.348	61890.26	14518.29	2048.793	4249.377

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV03 Acquired: 10/28/2024 15:15:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.062488	4.679713	4.942768	5.153365	5.183922	9.973660	9.729484
Stddev	.002637	.037292	.005445	.003077	.014901	.019924	.091148
%RSD	.0520808	.7968798	.1101703	.0597071	.2874480	.1997708	.9368241
#1	5.061158	4.708865	4.943009	5.153103	5.166796	9.996622	9.725881
#2	5.065525	4.692583	4.937206	5.150428	5.193918	9.960931	9.822381
#3	5.060781	4.637691	4.948089	5.156565	5.191054	9.963428	9.640191

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2415574	2.470381	24.03607	.9796005	2.481167	1.293155	5.001033
Stddev	.0029271	.005765	.08672	.0022733	.004567	.001501	.039416
%RSD	1.211775	.2333534	.3607888	.2320636	.1840631	.1160384	.7881493
#1	.2449053	2.472364	24.12578	.9796519	2.482320	1.292647	4.966656
#2	.2402857	2.463886	23.95269	.9773019	2.476135	1.291974	4.992389
#3	.2394812	2.474891	24.02973	.9818476	2.485047	1.294843	5.044053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.353686	23.84078	2.489294	1.274866	25.46956	2.446509	2.595657
Stddev	.003837	.16843	.006716	.001430	.31273	.006729	.004666
%RSD	.1630349	.7064828	.2697942	.1122003	1.227847	.2750256	.1797428
#1	2.354991	24.02922	2.491739	1.276308	25.11391	2.453470	2.598857
#2	2.349366	23.70489	2.481698	1.273447	25.59322	2.440040	2.590304
#3	2.356700	23.78822	2.494444	1.274842	25.70155	2.446016	2.597811

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.95437	4.805906	5.212965	4.917964	4.793592	5.174903	5.317994
Stddev	.30437	.040493	.005808	.012062	.003951	.058665	.010523
%RSD	1.172720	.8425684	.1114115	.2452697	.0824294	1.133650	.1978677
#1	25.62545	4.848676	5.207286	4.931282	4.789066	5.118082	5.330103
#2	26.01156	4.800884	5.212714	4.907774	4.795352	5.171372	5.312815
#3	26.22608	4.768158	5.218894	4.914835	4.796357	5.235253	5.311066

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV03 Acquired: 10/28/2024 15:15:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.819499	4.793973	4.929712
Stddev	.011290	.037063	.041008
%RSD	.2342506	.7731207	.8318454
#1	4.832429	4.751258	4.976005
#2	4.814471	4.817623	4.897943
#3	4.811596	4.813037	4.915187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2737.065	60168.48	12990.38	1944.868	4249.148
Stddev	3.586	214.64	93.53	6.696	1.652
%RSD	.1309984	.3567260	.7200187	.3442866	.0388702
#1	2739.600	60410.23	12907.37	1952.028	4247.449
#2	2732.962	60000.32	12972.06	1938.760	4249.247
#3	2738.632	60094.88	13091.72	1943.816	4250.748

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB03 Acquired: 10/28/2024 15:20:03 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000322	-.001047	.0006655	-.000471	-.001266	-.001255	-.003887
Stddev	.002173	.001520	.0009843	.000664	.000951	.002122	.000234
%RSD	675.1505	145.1441	147.9008	140.9503	75.14898	169.1279	6.015006
#1	.001923	-.001288	.0014232	-.000800	-.000976	.000034	-.004042
#2	-.002416	.000579	-.000447	-.000906	-.000494	-.003705	-.003618
#3	-.000472	-.002432	.001020	.000293	-.002329	-.000094	-.004002

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000267	.0000623	.0025698	-.000410	.0001228	-.001232	-.016834
Stddev	.0000461	.0000967	.0071769	.000109	.0001393	.000333	.001336
%RSD	172.6770	155.3061	279.2798	26.65933	113.4842	26.99525	7.936160
#1	.0000156	.0000291	-.005698	-.000296	.0001543	-.001616	-.017576
#2	-.000013	.0001712	.006215	-.000421	.0002436	-.001032	-.017635
#3	.000077	-.000014	.007193	-.000514	-.000030	-.001049	-.015292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000304	.0041654	.0002397	.0008741	-.060564	-.000182	-.004654
Stddev	.000363	.0012231	.0001843	.0003091	.007053	.001241	.000181
%RSD	119.4199	29.36351	76.87720	35.36291	11.64564	682.2248	3.880026
#1	.000113	.0032059	.0000916	.0010546	-.068708	-.001477	-.004862
#2	-.000471	.0055426	.0001815	.0010505	-.056467	-.000064	-.004533
#3	-.000554	.0037476	.0004461	.0005172	-.056517	.000996	-.004567

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069615	-.001913	.0002182	.0022735	.0001432	-.010741	-.002346
Stddev	.0097728	.000334	.0002113	.0002431	.0001927	.002288	.000184
%RSD	140.3836	17.47166	96.83768	10.69188	134.5694	21.30037	7.864298
#1	-.004152	-.001637	-.000014	.0020144	.0002214	-.013382	-.002304
#2	.014215	-.001816	.000268	.0023096	.0002845	-.009393	-.002186
#3	.010821	-.002284	.000400	.0024965	-.000076	-.009447	-.002548

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB03 Acquired: 10/28/2024 15:20:03 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB03 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000056	-.003188	.0000029
Stddev	.001460	.001871	.0000149
%RSD	2626.954	58.69733	507.1146
#1	.001008	-.005339	.0000199
#2	.000544	-.002291	-.000008
#3	-.001719	-.001934	-.000003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2918.361	63490.33	13962.51	2051.387	4901.529
Stddev	22.393	79.98	70.84	6.619	21.420
%RSD	.7672980	.1259796	.5073915	.3226740	.4370115
#1	2896.583	63527.36	13884.37	2047.262	4878.441
#2	2917.178	63545.08	14022.56	2059.021	4905.391
#3	2941.321	63398.54	13980.59	2047.876	4920.756

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-01DUP Acquired: 10/28/2024 15:24:23 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018658	.0003349	.0006107	-.003206	-.001553	.1472643	.1401474
Stddev	.0043039	.0009474	.0005565	.000748	.000472	.0080449	.0084798
%RSD	230.6745	282.8437	91.12085	23.32193	30.38927	5.462924	6.050611
#1	.0049385	.0002827	-.000023	-.004064	-.001135	.1538100	.1492817
#2	.0037120	-.000585	.000838	-.002861	-.001459	.1382830	.1325256
#3	-.003053	.001307	.001018	-.002694	-.002064	.1497000	.1386350

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000554	.0003151	46.38444	.0017917	.0013829	-.000599	6.591596
Stddev	.0000560	.0001111	3.03903	.0003751	.0000651	.000260	.037142
%RSD	101.1500	35.25172	6.551836	20.93594	4.711255	43.50453	.5634777
#1	.0001145	.0004149	49.73603	.0020588	.0013134	-.000727	6.600291
#2	.0000486	.0001954	43.80816	.0013628	.0014425	-.000769	6.623620
#3	.0000030	.0003348	45.60915	.0019534	.0013929	-.000299	6.550878

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.836701	8.845108	.0030054	.0008144	219.5212	.0029846	.0107059
Stddev	.117075	.611026	.0003494	.0001831	4.7453	.0008418	.0003049
%RSD	6.374192	6.908072	11.62585	22.48449	2.161661	28.20358	2.847911
#1	1.966594	9.512474	.0033862	.0006718	215.4723	.0027318	.0104354
#2	1.739316	8.313132	.0029303	.0010209	224.7430	.0039238	.0110363
#3	1.804192	8.709717	.0026996	.0007505	218.3482	.0022982	.0106460

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.808663	.1189323	.0001985	-.004282	.0029342	6.202847	.3732922
Stddev	.062864	.0059939	.0001783	.000665	.0002040	.039845	.0022842
%RSD	.7136653	5.039720	89.81213	15.54081	6.950578	.6423716	.6119071
#1	8.761801	.1256763	.0002783	-.004809	.0027363	6.201376	.3729910
#2	8.880103	.1142132	.0003229	-.003534	.0031437	6.243408	.3757121
#3	8.784084	.1169073	-.000006	-.004503	.0029227	6.163758	.3711736

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-01DUP Acquired: 10/28/2024 15:24:23 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.195880	.0094126	.3219664
Stddev	.035596	.0028941	.0193206
%RSD	.8483532	30.74709	6.000817
#1	4.158493	.0123930	.3428088
#2	4.199784	.0066134	.3046545
#3	4.229363	.0092312	.3184358

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.741	59359.83	13441.44	1949.572	4257.070
Stddev	22.435	783.22	695.36	25.271	27.865
%RSD	.8094149	1.319438	5.173286	1.296219	.6545677
#1	2797.202	60217.07	12709.96	1978.638	4287.512
#2	2763.147	58681.64	14093.94	1932.805	4250.872
#3	2754.874	59180.79	13520.43	1937.273	4232.825

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-01LX5 Acquired: 10/28/2024 15:28:47 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000259	-.000896	.0000990	-.000263	.0005856	.0348312	.0247453
Stddev	.001729	.001145	.0004314	.002422	.0008416	.0005426	.0005449
%RSD	668.6725	127.8193	435.7983	921.7663	143.7084	1.557663	2.202245
#1	-.000662	-.001813	.0002127	-.000821	.0003223	.0344863	.0244088
#2	.001637	-.001261	-.000378	-.002357	-.000093	.0345507	.0253741
#3	-.001751	.000387	.000462	.002390	.001527	.0354566	.0244532

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000012	.0000310	9.057180	-.000348	.0004315	-.000844	1.262696
Stddev	.0000345	.0000867	.063965	.000178	.0001355	.000570	.003399
%RSD	2841.842	279.5669	.7062312	50.98254	31.39874	67.49680	.2692088
#1	.0000410	.0000515	9.081288	-.000238	.0003464	-.000433	1.260631
#2	-.000018	-.000064	9.105588	-.000254	.0005877	-.001494	1.266619
#3	-.000019	.000106	8.984665	-.000553	.0003603	-.000605	1.260838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3624209	1.708410	.0007683	.0008103	42.02767	-.000696	-.002107
Stddev	.0027446	.012558	.0002755	.0001753	.24885	.000647	.000502
%RSD	.7572824	.7350406	35.86362	21.62733	.5921146	92.90322	23.82022
#1	.3637556	1.706611	.0009620	.0009894	42.27433	-.000003	-.002474
#2	.3642428	1.721770	.0004529	.0008025	42.03200	-.000802	-.001535
#3	.3592643	1.696849	.0008901	.0006391	41.77668	-.001283	-.002311

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.658494	.0202160	-.000018	.0003146	.0032671	1.148277	.0691159
Stddev	.018130	.0003496	.000158	.0004996	.0036976	.006064	.0024475
%RSD	1.093155	1.729241	873.2274	158.7828	113.1752	.5280668	3.541147
#1	1.665947	.0205993	-.000184	.0008424	.0011944	1.149450	.0701333
#2	1.671710	.0201341	.000130	-.000151	.0010709	1.153668	.0663238
#3	1.637826	.0199147	-.000000	.000253	.0075361	1.141712	.0708906

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-01LX5 Acquired: 10/28/2024 15:28:47 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7912704	-.000395	.0624833
Stddev	.0011306	.000774	.0005453
%RSD	.1428897	196.1431	.8727539
#1	.7917277	-.001264	.0629283
#2	.7921007	.000220	.0626466
#3	.7899827	-.000140	.0618749

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2850.700	62113.53	13856.02	2058.490	4537.622
Stddev	8.375	228.30	100.84	18.065	8.048
%RSD	.2937921	.3675575	.7277833	.8776049	.1773581
#1	2845.134	61906.23	13784.03	2046.027	4532.261
#2	2846.634	62076.15	13812.76	2050.234	4533.729
#3	2860.332	62358.22	13971.28	2079.208	4546.876

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-02MS Acquired: 10/28/2024 15:33:06 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7747241	1.669641	.9072365	1.976658	.8122339	2.095593	.3093364
Stddev	.0025512	.009916	.0007779	.008015	.0022468	.019662	.0021377
%RSD	.3293035	.5939190	.0857464	.4054669	.2766136	.9382403	.6910509
#1	.7725270	1.665616	.9077824	1.967717	.8118600	2.096871	.3086594
#2	.7741232	1.662370	.9075814	1.979062	.8101975	2.114584	.3117306
#3	.7775221	1.680937	.9063458	1.983196	.8146441	2.075323	.3076192

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1878816	.1826179	44.20484	.3783088	.1948374	.3006981	9.602778
Stddev	.0009162	.0005261	.30101	.0007655	.0002618	.0005580	.098603
%RSD	.4876754	.2881138	.6809451	.2023470	.1343840	.1855695	1.026815
#1	.1879828	.1828083	44.41112	.3781203	.1950331	.3002084	9.713715
#2	.1887430	.1830224	44.34398	.3776553	.1945399	.3005803	9.525121
#3	.1869189	.1820231	43.85944	.3791510	.1949390	.3013056	9.569498

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.863683	10.04002	.4888672	.0776064	211.7852	.2777934	.2291267
Stddev	.012773	.05824	.0007831	.0002882	2.6737	.0022296	.0009467
%RSD	.6853401	.5800664	.1601869	.3713691	1.262438	.8026054	.4131814
#1	1.872147	10.09312	.4895916	.0775476	214.7932	.2767892	.2293930
#2	1.869911	10.04920	.4889737	.0773521	209.6793	.2803485	.2299117
#3	1.848991	9.97774	.4880363	.0779194	210.8830	.2762425	.2280754

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.49524	.3763527	.4088830	.6766798	.1844089	6.639924	6.960714
Stddev	.10401	.0024178	.0011333	.0008771	.0010468	.046316	.002831
%RSD	.5623415	.6424408	.2771654	.1296149	.5676756	.6975416	.0406748
#1	18.57822	.3762098	.4079848	.6758397	.1848437	6.691354	6.962850
#2	18.37856	.3788389	.4085080	.6775897	.1851683	6.601504	6.957502
#3	18.52893	.3740095	.4101563	.6766100	.1832148	6.626916	6.961790

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-02MS Acquired: 10/28/2024 15:33:06 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.815603	.1792346	.4827625
Stddev	.012790	.0020088	.0028089
%RSD	.3352094	1.120740	.5818317
#1	3.801859	.1769326	.4813026
#2	3.817791	.1806320	.4860007
#3	3.827158	.1801392	.4809842

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2789.614	61464.81	14019.19	2025.803	4261.814
Stddev	18.776	281.18	77.62	4.999	17.080
%RSD	.6730703	.4574680	.5537052	.2467796	.4007776
#1	2800.756	61228.32	14035.85	2024.093	4269.413
#2	2800.150	61775.71	13934.59	2021.883	4273.775
#3	2767.936	61390.39	14087.13	2031.432	4242.252

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-03MSD Acquired: 10/28/2024 15:37:12 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8044071	1.803250	.9323092	2.080076	.8478706	2.026474	.3106552
Stddev	.0024303	.015024	.0033470	.009389	.0022343	.011574	.0010715
%RSD	.3021266	.8331402	.3590023	.4513799	.2635237	.5711621	.3449227
#1	.8053349	1.789350	.9345096	2.072939	.8464129	2.039617	.3114732
#2	.8016496	1.801211	.9284574	2.076578	.8467559	2.017798	.3110502
#3	.8062369	1.819189	.9339606	2.090712	.8504430	2.022008	.3094423

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1900786	.1880817	42.38450	.3839730	.2000520	.3107719	8.956364
Stddev	.0014082	.0004862	.11881	.0009542	.0007289	.0011994	.072989
%RSD	.7408302	.2584989	.2803237	.2485165	.3643641	.3859264	.8149364
#1	.1890504	.1884093	42.49298	.3829624	.2008104	.3094063	9.034637
#2	.1895017	.1875230	42.25752	.3848586	.1993567	.3112550	8.944291
#3	.1916836	.1883127	42.40301	.3840979	.1999889	.3116543	8.890165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.791873	9.658908	.5013619	.0798711	206.3387	.2868368	.2350161
Stddev	.008318	.033114	.0012996	.0003527	2.3497	.0006158	.0003380
%RSD	.4642001	.3428362	.2592083	.4415560	1.138744	.2147007	.1438249
#1	1.801250	9.672942	.5019316	.0795420	205.3379	.2873949	.2353647
#2	1.785384	9.621088	.4998748	.0798278	204.6551	.2861761	.2349938
#3	1.788986	9.682694	.5022794	.0802434	209.0230	.2869396	.2346898

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.88709	.3739950	.4270610	.6971490	.1884220	6.407129	6.993842
Stddev	.15354	.0020636	.0019293	.0019818	.0005758	.053875	.008798
%RSD	.8129479	.5517684	.4517726	.2842698	.3056041	.8408533	.1257959
#1	19.01352	.3730104	.4249778	.6993530	.1879183	6.460213	6.992825
#2	18.93151	.3726081	.4274188	.6965803	.1890498	6.408678	6.985596
#3	18.71623	.3763664	.4287864	.6955138	.1882981	6.352497	7.003104

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-03MSD Acquired: 10/28/2024 15:37:12 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.575779	.1836885	.4821639
Stddev	.010134	.0025170	.0012906
%RSD	.2834121	1.370270	.2676655
#1	3.576332	.1833683	.4833126
#2	3.565380	.1863503	.4824118
#3	3.585625	.1813469	.4807674

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2748.393	60913.74	14083.14	1964.883	4232.119
Stddev	17.459	66.57	75.07	9.283	14.138
%RSD	.6352607	.1092874	.5330825	.4724320	.3340721
#1	2768.181	60872.50	14137.75	1954.724	4248.208
#2	2735.158	60878.17	14114.14	1967.003	4221.678
#3	2741.840	60990.54	13997.53	1972.923	4226.470

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-01A Acquired: 10/28/2024 15:41:17 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8216529	1.837627	.9409909	2.101165	.8572771	2.084764	.3146563
Stddev	.0010806	.011156	.0021490	.005671	.0035952	.005158	.0004547
%RSD	.1315098	.6070733	.2283804	.2699060	.4193728	.2474151	.1445066
#1	.8204052	1.839782	.9411018	2.096099	.8569722	2.090138	.3147421
#2	.8222735	1.825551	.9430823	2.107292	.8610150	2.084302	.3150621
#3	.8222800	1.847548	.9387886	2.100105	.8538440	2.079853	.3141649

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1889148	.1903763	43.37536	.3870790	.2026381	.3160642	9.422831
Stddev	.0011796	.0003878	.39953	.0004880	.0003727	.0011723	.027958
%RSD	.6244236	.2037043	.9210971	.1260817	.1839484	.3708915	.2967071
#1	.1898706	.1908119	43.63974	.3873219	.2023779	.3152098	9.437462
#2	.1892773	.1900685	43.57060	.3865171	.2030651	.3174006	9.440437
#3	.1875964	.1902485	42.91576	.3873979	.2024713	.3155822	9.390593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.846135	9.874138	.5091654	.0809714	216.5261	.2893344	.2406261
Stddev	.014508	.113303	.0008589	.0004017	1.7713	.0040454	.0002560
%RSD	.7858403	1.147471	.1686915	.4961214	.8180310	1.398178	.1064057
#1	1.853783	9.977542	.5096559	.0807500	218.4292	.2918809	.2404222
#2	1.855219	9.891850	.5096667	.0814351	214.9258	.2914524	.2405425
#3	1.829404	9.753022	.5081736	.0807290	216.2234	.2846697	.2409135

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.71045	.3763604	.4338923	.7066652	.1897751	6.793097	7.101267
Stddev	.05284	.0021814	.0012464	.0012461	.0009045	.021708	.028087
%RSD	.2680976	.5796055	.2872665	.1763385	.4766367	.3195617	.3955244
#1	19.66954	.3788764	.4335522	.7079609	.1903601	6.770432	7.113635
#2	19.69169	.3752074	.4352735	.7065594	.1902318	6.813702	7.121049
#3	19.77011	.3749975	.4328513	.7054754	.1887332	6.795156	7.069119

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-01A Acquired: 10/28/2024 15:41:17 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.112826	.1851798	.4921925
Stddev	.011258	.0005369	.0013167
%RSD	.2737256	.2899445	.2675109
#1	4.114991	.1856286	.4922318
#2	4.100644	.1845850	.4934890
#3	4.122845	.1853259	.4908566

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.102	59476.64	14054.04	1914.387	4140.965
Stddev	14.091	124.21	52.50	5.271	11.599
%RSD	.5244041	.2088458	.3735839	.2753141	.2800924
#1	2695.014	59618.21	14039.25	1920.131	4143.993
#2	2670.833	59425.77	14010.52	1913.257	4128.153
#3	2695.459	59385.93	14112.35	1909.773	4150.750

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-04 Acquired: 10/28/2024 15:45:23 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021443	.0020460	.0007625	-.001358	.0007353	.0798042
Stddev	.0041168	.0010278	.0001679	.001178	.0009134	.0061172
%RSD	191.9880	50.23583	22.02680	86.79626	124.2110	7.665229
#1	-.000422	.0023930	.0008490	-.000904	.0016495	.0828683
#2	.006893	.0008896	.0008694	-.002695	.0007338	.0727605
#3	-.000038	.0028554	.0005689	-.000474	-.000177	.0837838

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1616507	.0000788	.0004312	67.43764	.0065118	.0105827
Stddev	.0002597	.0000168	.0000712	.37240	.0001211	.0002070
%RSD	.1606814	21.29908	16.50810	.5522080	1.859754	1.956099
#1	.1619479	.0000810	.0004591	67.86307	.0066474	.0106027
#2	.1614669	.0000611	.0003503	67.27911	.0064734	.0103664
#3	.1615374	.0000944	.0004842	67.17074	.0064145	.0107790

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002675	9.766242	1.917404	15.57534	.0078479	.0010498
Stddev	.000453	.039838	.006402	.12496	.0003868	.0001115
%RSD	16.93998	.4079149	.3338784	.8023167	4.928520	10.61640
#1	-.003062	9.801725	1.923585	15.71192	.0074038	.0011154
#2	-.002787	9.723147	1.910802	15.54738	.0080287	.0009211
#3	-.002176	9.773853	1.917826	15.46673	.0081112	.0011128

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	484.7071	.0000406	.0489635	15.48116	.1152999	-.000097
Stddev	2.1679	.0003013	.0006522	.06125	.0001611	.000203
%RSD	.4472672	742.9441	1.332081	.3956522	.1397049	208.9973
#1	482.7917	.0002022	.0493041	15.45065	.1151976	.000056
#2	484.2688	.0002265	.0493749	15.44115	.1152165	-.000020
#3	487.0606	-.000307	.0482115	15.55167	.1154856	-.000327

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P3440-04 Acquired: 10/28/2024 15:45:23 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004422	.0006198	5.018704	.5810812	F 18.90240	.0115604
Stddev	.001015	.0006599	.035136	.0147255	.31378	.0008555
%RSD	22.95898	106.4812	.7001022	2.534160	1.659986	7.399811
#1	-.005552	-.000004	5.051288	.5739105	18.61507	.0118049
#2	-.004127	.000553	4.981477	.5713145	18.85491	.0106093
#3	-.003587	.001310	5.023346	.5980186	19.23721	.0122670

Elem	Sr4077
Units	ppm
Avg	.4913477
Stddev	.0012808
%RSD	.2606701
#1	.4900376
#2	.4914086
#3	.4925970

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2599.464	56358.77	14133.89	1864.039	3907.779
Stddev	44.523	203.86	18.05	15.302	63.585
%RSD	1.712762	.3617186	.1277183	.8209004	1.627144
#1	2626.641	56365.95	14143.30	1850.948	3945.541
#2	2623.669	56558.94	14145.31	1880.862	3943.428
#3	2548.083	56151.41	14113.08	1860.309	3834.367

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164476BL Acquired: 10/28/2024 15:49:46 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000806	-.001684	.0007936	-.000764	.0013205	.0007840	-.003685
Stddev	.002255	.001269	.0007981	.000280	.0007593	.0018835	.000151
%RSD	279.6184	75.33812	100.5578	36.65335	57.50169	240.2308	4.090004
#1	-.001236	-.003123	.0013771	-.000482	.0021337	.0029525	-.003592
#2	.001632	-.000723	.0011197	-.000766	.0006299	-.000156	-.003859
#3	-.002815	-.001208	-.000116	-.001042	.0011980	-.000444	-.003605

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000081	-.000042	-.001247	-.000238	.0000318	-.001170	-.017702
Stddev	.0000233	.000032	.005308	.000133	.0001026	.000326	.001730
%RSD	288.1328	77.65981	425.8467	55.88927	322.2862	27.89917	9.773919
#1	-.000006	-.000008	.004760	-.000380	-.000077	-.001309	-.015969
#2	-.000005	-.000045	-.005310	-.000116	.000046	-.000797	-.019430
#3	.000035	-.000073	-.003190	-.000219	.000127	-.001403	-.017708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000184	-.001301	.0000073	.0007500	.1941419	-.000263	-.004836
Stddev	.000134	.003350	.0001736	.0001122	.0179371	.000199	.000371
%RSD	72.98881	257.5759	2365.163	14.95913	9.239157	75.56778	7.674983
#1	-.000145	-.001596	.0000851	.0006303	.2142777	-.000080	-.005264
#2	-.000073	.002188	.0001285	.0007669	.1882752	-.000234	-.004638
#3	-.000333	-.004493	-.000192	.0008528	.1798728	-.000474	-.004606

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0695878	-.005577	-.000264	.0021848	.0003800	-.016344	-.002404
Stddev	.0157404	.000440	.000146	.0004787	.0002093	.002163	.002280
%RSD	22.61952	7.887295	55.35895	21.91140	55.08050	13.23572	94.85291
#1	.0671836	-.005700	-.000217	.0027325	.0002649	-.018720	-.004879
#2	.0551877	-.005089	-.000427	.0019759	.0006216	-.014490	-.001942
#3	.0863919	-.005943	-.000147	.0018462	.0002535	-.015821	-.000390

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164476BL Acquired: 10/28/2024 15:49:46 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0013485	-.002626	-.000021
Stddev	.0020981	.002478	.000011
%RSD	155.5833	94.34547	51.49906
#1	.0036804	-.004806	-.000031
#2	-.000386	.000069	-.000010
#3	.000752	-.003141	-.000021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2971.766	65793.06	14021.11	2137.265	4984.492
Stddev	7.349	113.23	36.71	5.015	6.695
%RSD	.2472943	.1721016	.2618354	.2346592	.1343202
#1	2963.414	65662.50	14030.91	2131.488	4976.781
#2	2977.243	65864.48	14051.93	2139.801	4988.829
#3	2974.640	65852.19	13980.49	2140.506	4987.866

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164476BS Acquired: 10/28/2024 15:54:07 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7577115	1.785059	.9343145	1.930336	.8194164	1.954163
Stddev	.0018209	.030071	.0015185	.008570	.0042937	.007293
%RSD	.2403153	1.684608	.1625197	.4439527	.5239987	.3731939
#1	.7589146	1.786419	.9360103	1.932623	.8173535	1.947460
#2	.7556166	1.754331	.9338524	1.920854	.8165434	1.953100
#3	.7586033	1.814427	.9330808	1.937530	.8243523	1.961929

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1866828	.1907793	.1839442	.9932218	.3980015	.1983235
Stddev	.0008745	.0009482	.0001251	.0046811	.0012641	.0001914
%RSD	.4684230	.4969852	.0680061	.4713049	.3176137	.0965150
#1	.1876859	.1912426	.1838430	.9936805	.3973928	.1981039
#2	.1860811	.1914068	.1840841	.9976566	.3994548	.1984554
#3	.1862814	.1896886	.1839055	.9883282	.3971568	.1984110

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3219366	3.013495	.1887172	1.868979	.4990735	.0779462
Stddev	.0006286	.024715	.0007350	.005309	.0005343	.0001001
%RSD	.1952539	.8201287	.3894812	.2840586	.1070676	.1284915
#1	.3225160	3.030104	.1893959	1.870048	.4989522	.0779974
#2	.3212683	2.985093	.1888192	1.873672	.4996580	.0778308
#3	.3220255	3.025288	.1879365	1.863217	.4986102	.0780104

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.909497	.2892671	.2134131	10.24293	.2737705	.4311169
Stddev	.027854	.0012767	.0007200	.03695	.0010463	.0011575
%RSD	.9573417	.4413492	.3373661	.3607701	.3821867	.2684982
#1	2.928529	.2881753	.2126522	10.22965	.2746410	.4311885
#2	2.877527	.2906708	.2135033	10.21445	.2740608	.4299252
#3	2.922435	.2889550	.2140837	10.28468	.2726096	.4322369

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164476BS Acquired: 10/28/2024 15:54:07 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6821264	.1894831	.8779465	5.954369	F -.006561	.1747040
Stddev	.0014246	.0007513	.0021641	.015290	.000652	.0022554
%RSD	.2088508	.3964834	.2464993	.2567890	9.937850	1.290976
#1	.6831250	.1901869	.8797201	5.963821	-.006110	.1759400
#2	.6804950	.1895704	.8785843	5.962557	-.007309	.1721008
#3	.6827592	.1886920	.8755352	5.936728	-.006265	.1760712

Elem	Sr4077
Units	ppm
Avg	.1953089
Stddev	.0006078
%RSD	.3111724
#1	.1959959
#2	.1948416
#3	.1950891

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2912.742	64107.96	13939.21	2069.480	4776.942
Stddev	11.519	254.71	39.28	13.600	10.825
%RSD	.3954535	.3973125	.2818206	.6571861	.2266113
#1	2913.826	63914.40	13893.86	2066.023	4782.950
#2	2923.680	64396.52	13961.35	2084.475	4783.430
#3	2900.719	64012.98	13962.43	2057.941	4764.445

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-01 Acquired: 10/28/2024 15:58:07 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009578	.0472260	.1535281	-.123838	.0047998	183.2577
Stddev	.002626	.0009956	.0008908	.002110	.0008287	1.2037
%RSD	27.41999	2.108226	.5801953	1.704202	17.26625	.6568523
#1	-.008828	.0483539	.1537004	-.125913	.0051743	183.8008
#2	-.007408	.0468545	.1543201	-.121693	.0038499	184.0942
#3	-.012498	.0464695	.1525638	-.123909	.0053751	181.8781

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5087149	.0107057	.0874381	50.97392	1.060743	1.116908
Stddev	.0052728	.0001135	.0011202	.30876	.011552	.005844
%RSD	1.036501	1.060457	1.281190	.6057256	1.089088	.5232299
#1	.5054430	.0107860	.0873478	50.82750	1.073011	1.119822
#2	.5147976	.0107554	.0886008	51.32865	1.059146	1.120723
#3	.5059040	.0105758	.0863658	50.76560	1.050073	1.110180

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5380075	728.3866	1.880659	277.0545	.8481077	.0231647
Stddev	.0016652	3.8907	.016781	1.9001	.0050964	.0003741
%RSD	.3095040	.5341593	.8923134	.6858181	.6009150	1.614876
#1	.5398439	728.0103	1.877113	277.5757	.8487977	.0227835
#2	.5375825	732.4518	1.898929	278.6397	.8528239	.0235312
#3	.5365960	724.6976	1.865933	274.9482	.8427014	.0231794

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.317763	.4278923	.6992000	107.6596	.0833087	.0023332
Stddev	.008868	.0042311	.0030026	.4504	.0059544	.0001403
%RSD	.6729692	.9888332	.4294360	.4183438	7.147443	6.014154
#1	1.311663	.4256117	.6980632	107.4351	.0764354	.0023865
#2	1.327936	.4327744	.7026050	108.1781	.0868998	.0021740
#3	1.313690	.4252906	.6969317	107.3655	.0865908	.0024391

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-01 Acquired: 10/28/2024 15:58:07 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0249728	F 11.23388	5.191419	5.740241	F 287.5548	.9326577
Stddev	.0013526	.09105	.019210	.042515	3.0880	.0100860
%RSD	5.416154	.8105017	.3700316	.7406447	1.073897	1.081421
#1	.0251587	11.18329	5.208585	5.734964	286.7847	.9230513
#2	.0262228	11.33899	5.195001	5.785148	290.9550	.9431631
#3	.0235369	11.17936	5.170670	5.700611	284.9246	.9317589

Elem	Sr4077
Units	ppm
Avg	-.667385
Stddev	.003479
%RSD	.5212919
#1	-.667510
#2	-.670801
#3	-.663846

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2942.491	67363.55	16420.74	2106.310	3740.044
Stddev	20.494	191.20	97.06	18.689	32.520
%RSD	.6964846	.2838308	.5910889	.8872821	.8695029
#1	2937.682	67317.89	16449.38	2127.571	3729.547
#2	2924.828	67199.32	16312.58	2092.479	3714.069
#3	2964.961	67573.45	16500.25	2098.879	3776.516

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-04 Acquired: 10/28/2024 16:02:27 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091285	-.009087	.3613584	-.026759	.0043019	39.32038
Stddev	.0012034	.001992	.0006156	.001955	.0010657	.02068
%RSD	13.18240	21.91819	.1703471	7.304541	24.77275	.0525828
#1	.0103539	-.007780	.3609347	-.028178	.0041946	39.33739
#2	.0079485	-.008101	.3610760	-.024529	.0032939	39.32638
#3	.0090832	-.011379	.3620645	-.027569	.0054172	39.29736

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2529498	.0036763	.0391008	74.42028	.0409123	.0968908
Stddev	.0007887	.0000730	.0001553	.10264	.0001596	.0000619
%RSD	.3117916	1.986769	.3970509	.1379152	.3900749	.0638795
#1	.2537645	.0035924	.0392717	74.41842	.0409472	.0969538
#2	.2528949	.0037260	.0389685	74.52383	.0410515	.0968887
#3	.2521901	.0037104	.0390621	74.31858	.0407381	.0968300

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8550111	146.3548	1.304660	23.98727	.0705788	.0067078
Stddev	.0008244	.2916	.003690	.04391	.0001898	.0002074
%RSD	.0964203	.1992733	.2828559	.1830694	.2689627	3.091412
#1	.8559630	146.6048	1.307084	23.94248	.0707485	.0067996
#2	.8545361	146.4252	1.306484	24.03025	.0706142	.0068535
#3	.8545341	146.0344	1.300413	23.98907	.0703738	.0064704

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9832689	.1008307	1.052472	15.24048	.0325664	.0039421
Stddev	.0027017	.0003596	.001715	.06120	.0001731	.0000541
%RSD	.2747696	.3566424	.1629200	.4015704	.5314528	1.373136
#1	.9831442	.1005286	1.052623	15.30075	.0327440	.0038842
#2	.9806317	.1007350	1.050688	15.24230	.0323982	.0039914
#3	.9860308	.1012285	1.054107	15.17839	.0325570	.0039506

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-04 Acquired: 10/28/2024 16:02:27 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0728444	3.782981	7.068298	F 20.91125	5.465960	.0688833
Stddev	.0003460	.009864	.007585	.02855	.017932	.0003168
%RSD	.4750520	.2607566	.1073072	.1365391	.3280709	.4599391
#1	.0729528	3.792290	7.059686	20.94372	5.478674	.0690095
#2	.0731233	3.784011	7.073982	20.89996	5.445449	.0685228
#3	.0724572	3.772642	7.071226	20.89007	5.473757	.0691176

Elem	Sr4077
Units	ppm
Avg	-.056226
Stddev	.000098
%RSD	.1736589
#1	-.056167
#2	-.056173
#3	-.056339

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5424.032	123128.1	28524.89	3904.281	4018.105
Stddev	27.316	169.1	75.03	7.382	14.345
%RSD	.5036112	.1373040	.2630261	.1890843	.3570081
#1	5396.671	123010.1	28503.95	3896.740	4001.640
#2	5424.123	123052.4	28462.55	3904.608	4024.771
#3	5451.303	123321.8	28608.16	3911.494	4027.903

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV04 Acquired: 10/28/2024 16:06:32 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.015714	4.906435	4.865150	5.103876	5.104089	9.815482	9.796338
Stddev	.011399	.091371	.004762	.013609	.006832	.015197	.065831
%RSD	.2272688	1.862261	.0978824	.2666480	.1338540	.1548285	.6720000
#1	5.004369	4.917747	4.870044	5.089591	5.096207	9.808815	9.811627
#2	5.015609	4.809935	4.860532	5.105346	5.107744	9.832873	9.724208
#3	5.027166	4.991623	4.864874	5.116691	5.108316	9.804758	9.853180

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2387173	2.439769	23.79630	.9742398	2.446988	1.274325	4.964778
Stddev	.0012686	.003583	.09304	.0038460	.000957	.001019	.033311
%RSD	.5314067	.1468625	.3909929	.3947715	.0390914	.0799353	.6709531
#1	.2372874	2.441662	23.79856	.9732005	2.447909	1.273672	4.972345
#2	.2397076	2.435636	23.70215	.9784987	2.445999	1.275499	4.928335
#3	.2391569	2.442008	23.88820	.9710203	2.447056	1.273806	4.993656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.331671	23.47711	2.455974	1.259023	25.48342	2.414243	2.562423
Stddev	.016812	.09538	.001168	.000251	.06609	.002524	.004300
%RSD	.7210283	.4062663	.0475580	.0199451	.2593494	.1045474	.1678115
#1	2.331441	23.46663	2.456773	1.258837	25.54939	2.414573	2.557509
#2	2.314975	23.38740	2.454634	1.258923	25.41721	2.416585	2.564267
#3	2.348597	23.57730	2.456515	1.259309	25.48366	2.411570	2.565494

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.88558	4.740651	5.159498	4.884286	4.753225	5.083539	5.275178
Stddev	.06035	.014275	.006299	.010131	.011815	.030603	.003656
%RSD	.2331257	.3011208	.1220855	.2074225	.2485619	.6019972	.0693113
#1	25.92772	4.726266	5.152239	4.889909	4.748825	5.056904	5.272113
#2	25.81645	4.754813	5.162737	4.872590	4.744243	5.076747	5.274195
#3	25.91258	4.740875	5.163519	4.890359	4.766609	5.116968	5.279225

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV04 Acquired: 10/28/2024 16:06:32 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.802324	4.807168	4.908091
Stddev	.021631	.012004	.047839
%RSD	.4504296	.2497048	.9746942
#1	4.792377	4.808935	4.897446
#2	4.787455	4.794378	4.866472
#3	4.827139	4.818190	4.960356

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2804.336	61111.33	13240.04	2000.409	4343.801
Stddev	5.191	272.61	48.32	14.480	2.065
%RSD	.1850959	.4460908	.3649358	.7238413	.0475306
#1	2808.603	60855.24	13208.52	1992.369	4345.580
#2	2798.557	61397.90	13295.67	2017.125	4341.537
#3	2805.848	61080.85	13215.93	1991.733	4344.285

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB04 Acquired: 10/28/2024 16:10:43 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000668	-.002381	-.000398	.0008733	.0004006	.0046794	-.002470
Stddev	.001508	.000129	.000618	.0020259	.0014972	.0033965	.000661
%RSD	225.7912	5.400835	155.2853	231.9812	373.7659	72.58305	26.77341
#1	-.002203	-.002307	-.001093	-.000420	.0020306	.0026346	-.003225
#2	-.000610	-.002306	.000092	.003208	.0000844	.0086001	-.001991
#3	.000811	-.002529	-.000193	-.000168	-.000913	.0028036	-.002195

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000412	.0001275	-.001378	-.000354	.0001810	-.001304	-.013151
Stddev	.0000275	.0000268	.005603	.000312	.0002648	.000157	.002404
%RSD	66.84077	21.05654	406.6794	88.15392	146.2986	12.05917	18.28111
#1	.0000448	.0000967	.002909	-.000112	-.000012	-.001358	-.014091
#2	.0000668	.0001406	.000675	-.000243	.000483	-.001127	-.010419
#3	.0000121	.0001454	-.007717	-.000706	.000072	-.001428	-.014943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000086	-.000820	.0001393	.0004512	-.059908	-.000552	-.004525
Stddev	.000221	.008798	.0001143	.0001063	.001491	.000179	.000234
%RSD	255.2516	1073.310	82.09361	23.55390	2.489511	32.34519	5.168991
#1	.000064	-.007914	.0000486	.0004691	-.059606	-.000383	-.004788
#2	.000016	-.003570	.0002677	.0005473	-.061528	-.000535	-.004342
#3	-.000340	.009025	.0001015	.0003371	-.058591	-.000739	-.004444

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0158152	-.001834	.0003122	.0020350	.0006123	-.009368	-.002391
Stddev	.0161989	.000413	.0001212	.0001549	.0002849	.002733	.002265
%RSD	102.4261	22.51747	38.81368	7.611411	46.52315	29.17175	94.71863
#1	.0288249	-.001358	.0002982	.0018670	.0009389	-.009083	-.000072
#2	-.002329	-.002045	.0004397	.0020660	.0004830	-.006788	-.002505
#3	.020949	-.002098	.0001986	.0021721	.0004151	-.012231	-.004598

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB04 Acquired: 10/28/2024 16:10:43 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB04 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0015567	-.000511	.0000770
Stddev	.0017540	.000608	.0000170
%RSD	112.6726	119.0056	22.09387
#1	.0015685	.000172	.0000919
#2	-.000203	-.000711	.0000585
#3	.003305	-.000993	.0000807

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2990.578	63225.79	13971.82	2101.821	5013.236
Stddev	6.921	96.87	28.76	5.147	7.518
%RSD	.2314227	.1532095	.2058751	.2448623	.1499548
#1	2983.155	63315.46	13946.77	2104.422	5005.500
#2	2991.727	63123.05	13965.46	2095.892	5013.693
#3	2996.853	63238.85	14003.24	2105.147	5020.515

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-07 Acquired: 10/28/2024 16:15:03 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322035	-.022055	.2226745	-.040218	.0012294	166.1636
Stddev	.0036312	.005087	.0007553	.002528	.0017521	.7819
%RSD	11.27597	23.06536	.3391828	6.285662	142.5198	.4705689
#1	.0285024	-.017396	.2218360	-.037490	.0028037	166.1725
#2	.0357606	-.021288	.2228862	-.042481	-.000658	165.3772
#3	.0323475	-.027483	.2233014	-.040683	.001543	166.9410

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8569639	.0066455	.0205548	1729.042	.5309436	.0636440
Stddev	.0052458	.0000611	.0002846	2.893	.0070419	.0008162
%RSD	.6121360	.9188023	1.384683	.1673165	1.326303	1.282490
#1	.8609529	.0066184	.0203127	1732.379	.5237911	.0627441
#2	.8510217	.0067154	.0204833	1727.496	.5311701	.0638513
#3	.8589170	.0066027	.0208684	1727.250	.5378695	.0643366

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.240905	148.2032	3.131825	70.43633	.3002346	.0062575
Stddev	.039476	1.4411	.023010	.18318	.0033341	.0005282
%RSD	.7532268	.9724090	.7347208	.2600678	1.110487	8.441822
#1	5.208802	146.9176	3.153004	70.52579	.2975477	.0066130
#2	5.228931	147.9311	3.107341	70.22561	.2991903	.0065090
#3	5.284981	149.7611	3.135131	70.55759	.3039658	.0056505

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.38612	.2389227	2.071984	29.32455	.3214644	.0267126
Stddev	.21288	.0010704	.030453	.37043	.0015489	.0002531
%RSD	.9509543	.4480207	1.469764	1.263213	.4818386	.9476568
#1	22.21100	.2389222	2.039124	28.94683	.3203953	.0266264
#2	22.32428	.2378525	2.077571	29.33960	.3207573	.0265138
#3	22.62307	.2399933	2.099256	29.68724	.3232407	.0269976

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-07 Acquired: 10/28/2024 16:15:03 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1316820	7.423591	F 84.36601	8.742735	F 80.25989	.6947577
Stddev	.0006032	.035579	1.07940	.041151	.73843	.0119787
%RSD	.4580544	.4792710	1.279423	.4706833	.9200430	1.724157
#1	.1314013	7.444291	83.27541	8.700716	79.66394	.6847665
#2	.1323743	7.382508	84.38877	8.744529	80.02976	.6914695
#3	.1312703	7.443974	85.43384	8.782958	81.08598	.7080371

Elem	Sr4077
Units	ppm
Avg	9.399969
Stddev	.086924
%RSD	.9247253
#1	9.302516
#2	9.427890
#3	9.469502

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2443.056	54941.49	14078.81	1775.511	3142.020
Stddev	19.148	620.95	50.98	26.260	22.645
%RSD	.7837853	1.130206	.3621014	1.478994	.7207155
#1	2458.430	55600.75	14035.50	1805.124	3161.616
#2	2449.130	54855.99	14134.99	1766.349	3147.215
#3	2421.607	54367.71	14065.93	1755.059	3117.229

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-09 Acquired: 10/28/2024 16:19:24 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1009603	-.051396	.9759869	-.051840	.0040801	183.4476
Stddev	.0033128	.004800	.0008447	.003249	.0022425	.5663
%RSD	3.281263	9.338846	.0865459	6.267807	54.96166	.3086797
#1	.1047530	-.045879	.9768908	-.055191	.0029645	183.4298
#2	.0994955	-.053692	.9758524	-.051626	.0066616	182.8904
#3	.0986324	-.054616	.9752176	-.048703	.0026142	184.0226

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.592541	.0073997	.0358233	1789.490	F 2.306435	.1254819
Stddev	.007646	.0001335	.0004219	13.942	.009079	.0008268
%RSD	.4801301	1.804349	1.177712	.7790976	.3936421	.6589391
#1	1.600277	.0075276	.0354404	1802.998	2.313043	.1245479
#2	1.584988	.0074103	.0362756	1775.152	2.310179	.1261205
#3	1.592360	.0072612	.0357539	1790.320	2.296082	.1257771

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.768194	228.7069	6.443718	117.5922	.7985349	.0063321
Stddev	.024569	.6685	.050487	.8298	.0029529	.0002091
%RSD	.5152738	.2923051	.7835143	.7056181	.3697933	3.302716
#1	4.740994	228.1500	6.501260	118.5407	.7951382	.0063252
#2	4.788777	229.4483	6.406844	117.2357	.7999752	.0061265
#3	4.774812	228.5224	6.423050	117.0003	.8004914	.0065445

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.530145	.9396769	4.554497	52.33535	.1772641	.2552301
Stddev	.047931	.0049695	.005769	.25896	.0008748	.0006590
%RSD	.7339920	.5288575	.1266586	.4948016	.4935238	.2581953
#1	6.475113	.9454014	4.550112	52.06885	.1762849	.2546669
#2	6.562757	.9364699	4.561032	52.58604	.1779688	.2559549
#3	6.552564	.9371595	4.552347	52.35116	.1775386	.2550685

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-09 Acquired: 10/28/2024 16:19:24 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603785	F 12.25587	F 74.60460	F 10.67111	F 72.94782	.8338361
Stddev	.0020784	.08282	2.40988	.05174	.40037	.0031997
%RSD	3.442316	.6757699	3.230207	.4848959	.5488423	.3837260
#1	.0595023	12.34710	75.71188	10.61136	72.50274	.8302670
#2	.0627515	12.18542	71.84009	10.70070	73.27863	.8347933
#3	.0588817	12.23509	76.26185	10.70127	73.06208	.8364478

Elem	Sr4077
Units	ppm
Avg	1.061192
Stddev	.002209
%RSD	.2081265
#1	1.059398
#2	1.063659
#3	1.060519

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2557.806	57908.71	15187.84	1821.766	3038.113
Stddev	18.990	183.38	123.59	13.180	19.333
%RSD	.7424154	.3166690	.8137310	.7234565	.6363350
#1	2577.668	58047.98	15045.25	1836.813	3058.779
#2	2539.829	57700.94	15264.18	1816.217	3020.469
#3	2555.920	57977.21	15254.09	1812.268	3035.090

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-11 Acquired: 10/28/2024 16:23:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0981082	-.037329	.9297776	-.052552	.0092745	175.4158
Stddev	.0025243	.005421	.0011547	.005035	.0032827	1.3632
%RSD	2.572960	14.52200	.1241904	9.580288	35.39497	.7771452
#1	.0960891	-.031077	.9296932	-.049447	.0101071	174.6099
#2	.0972971	-.040185	.9286673	-.049848	.0120606	174.6477
#3	.1009383	-.040724	.9309721	-.058361	.0056556	176.9898

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.466983	.0073065	.0317597	1780.065	F 2.023712	.1128453
Stddev	.004947	.0000838	.0002549	3.944	.006770	.0001829
%RSD	.3372159	1.147214	.8025038	.2215402	.3345406	.1620347
#1	1.471370	.0072109	.0317059	1777.801	2.017735	.1130444
#2	1.461621	.0073672	.0320372	1777.775	2.022335	.1128066
#3	1.467958	.0073415	.0315360	1784.619	2.031064	.1126849

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.944726	242.6712	6.293303	108.0309	.6878177	.0097983
Stddev	.010295	1.7285	.028421	.1447	.0012270	.0002036
%RSD	.1731786	.7122771	.4516052	.1339291	.1783882	2.078418
#1	5.944845	242.5138	6.295706	108.1095	.6888052	.0099557
#2	5.954960	241.0268	6.263757	107.8639	.6882038	.0095683
#3	5.934371	244.4730	6.320446	108.1192	.6864442	.0098710

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.648856	.9180637	5.281701	36.73836	.1860503	.2423190
Stddev	.032301	.0042513	.004343	.19513	.0021288	.0014425
%RSD	.5718126	.4630743	.0822222	.5311209	1.144224	.5953032
#1	5.642276	.9227814	5.277333	36.76507	.1857541	.2406607
#2	5.620352	.9145296	5.286018	36.53126	.1840850	.2432840
#3	5.683940	.9168802	5.281752	36.91876	.1883117	.2430123

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-11 Acquired: 10/28/2024 16:23:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0566534	F 11.21261	F 100.3609	6.971268	F 69.81518	.7780523
Stddev	.0014930	.03581	.3988	.054502	.65053	.0027753
%RSD	2.635379	.3193696	.3973274	.7818095	.9317846	.3566968
#1	.0583053	11.24408	100.7236	7.009118	69.06481	.7776613
#2	.0554001	11.17365	99.9339	6.995885	70.22022	.7810024
#3	.0562549	11.22011	100.4252	6.908800	70.16052	.7754933

Elem	Sr4077
Units	ppm
Avg	1.096675
Stddev	.009830
%RSD	.8963876
#1	1.106875
#2	1.087261
#3	1.095889

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.454	54451.51	14289.84	1750.180	3091.531
Stddev	3.361	208.62	25.47	6.797	4.663
%RSD	.1360093	.3831317	.1782256	.3883822	.1508187
#1	2471.488	54438.60	14265.30	1743.934	3087.628
#2	2468.076	54666.29	14316.14	1757.420	3090.271
#3	2474.798	54249.65	14288.06	1749.186	3096.694

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4575-01 Acquired: 10/28/2024 16:28:21 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0606480	.0058223	.3378483	-.067996	.0094864	167.9137
Stddev	.0008892	.0009472	.0021165	.002552	.0009833	.4916
%RSD	1.466216	16.26809	.6264678	3.753392	10.36530	.2927877
#1	.0615861	.0068717	.3386546	-.067998	.0104296	168.2346
#2	.0605405	.0055643	.3394432	-.070547	.0084674	168.1588
#3	.0598174	.0050308	.3354472	-.065443	.0095621	167.3477

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6849047	.0144955	.0370831	39.01494	.3134836	.2521371
Stddev	.0030385	.0001211	.0004541	.08569	.0004903	.0004910
%RSD	.4436436	.8351974	1.224658	.2196232	.1563928	.1947372
#1	.6829304	.0143808	.0372082	38.91993	.3129421	.2526637
#2	.6884037	.0146221	.0374616	39.08637	.3138974	.2516919
#3	.6833799	.0144837	.0365795	39.03851	.3136111	.2520557

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3642701	424.1812	5.272292	68.13902	.3689501	.0133717
Stddev	.0011656	2.7241	.016645	.08615	.0006164	.0006221
%RSD	.3199894	.6422092	.3157081	.1264261	.1670597	4.652613
#1	.3635917	424.9618	5.256381	68.03996	.3688344	.0136860
#2	.3656160	421.1519	5.289585	68.19638	.3683998	.0126551
#3	.3636025	426.4298	5.270909	68.18072	.3696161	.0137740

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.048154	.5179253	1.009282	18.68482	.4355884	.0073257
Stddev	.020345	.0014571	.002916	.02230	.0044549	.0002396
%RSD	.4030196	.2813303	.2889414	.1193695	1.022738	3.270974
#1	5.037460	.5173663	1.006684	18.66842	.4385787	.0070841
#2	5.071616	.5168304	1.012437	18.67582	.4304683	.0073297
#3	5.035387	.5195790	1.008726	18.71022	.4377181	.0075633

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4575-01 Acquired: 10/28/2024 16:28:21 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368958	5.834466	F 17.96917	6.657169	1.888703	.3398760
Stddev	.0020932	.014557	.03096	.004593	.006799	.0013528
%RSD	5.673329	.2494969	.1723173	.0689996	.3599607	.3980218
#1	.0347959	5.827684	17.98075	6.652254	1.881257	.3405328
#2	.0389823	5.851176	17.93408	6.661354	1.894580	.3407749
#3	.0369090	5.824537	17.99267	6.657897	1.890274	.3383202

Elem	Sr4077
Units	ppm
Avg	-.267853
Stddev	.003275
%RSD	1.222501
#1	-.268950
#2	-.264171
#3	-.270439

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3001.282	64562.82	15637.71	2093.101	4035.654
Stddev	5.466	125.22	29.65	11.036	6.251
%RSD	.1821153	.1939503	.1896238	.5272663	.1549011
#1	2994.974	64428.74	15611.38	2085.329	4028.486
#2	3004.251	64676.73	15631.92	2105.733	4039.974
#3	3004.621	64582.99	15669.83	2088.240	4038.502

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01 Acquired: 10/28/2024 16:32:42 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722100	.0008083	.3501547	-.047053	.0004934	171.6679
Stddev	.0003000	.0004155	.0017984	.000677	.0010930	.3484
%RSD	.4154320	51.40227	.5135886	1.439776	221.5286	.2029557
#1	.0720109	.0011653	.3503943	-.046273	.0012576	172.0668
#2	.0720642	.0009074	.3482486	-.047492	.0009812	171.5136
#3	.0725550	.0003522	.3518213	-.047393	-.000759	171.4233

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4807452	.0096433	.0291792	23.08723	.2737458	.1434283
Stddev	.0012315	.0000677	.0002081	.03618	.0003784	.0003037
%RSD	.2561628	.7022868	.7133158	.1567079	.1382135	.2117148
#1	.4821594	.0096467	.0289621	23.08199	.2740695	.1437760
#2	.4799094	.0095739	.0293770	23.12574	.2733299	.1432940
#3	.4801667	.0097092	.0291986	23.05396	.2738382	.1432150

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2023537	302.9186	2.859956	14.46078	.1518776	.0090765
Stddev	.0010617	1.0276	.010767	.08448	.0004575	.0004693
%RSD	.5246549	.3392232	.3764690	.5842066	.3012206	5.170768
#1	.2017054	303.2748	2.868470	14.38423	.1515808	.0093732
#2	.2017767	303.7206	2.863546	14.55142	.1516475	.0093208
#3	.2035789	301.7603	2.847853	14.44670	.1524045	.0085354

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.693742	.4717118	.4297862	7.461471	.0882166	.0039321
Stddev	.028099	.0020157	.0013682	.070725	.0010322	.0001561
%RSD	.7607261	.4273122	.3183389	.9478686	1.170061	3.969634
#1	3.693721	.4707436	.4311532	7.435786	.0870258	.0037703
#2	3.665653	.4703628	.4297886	7.407178	.0888565	.0039444
#3	3.721852	.4740289	.4284169	7.541450	.0887673	.0040817

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01 Acquired: 10/28/2024 16:32:42 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168830	2.749747	F 20.06566	5.744869	2.718101	.0709563
Stddev	.0013282	.002058	.06692	.005831	.005653	.0011441
%RSD	7.867072	.0748287	.3334932	.1014925	.2079872	1.612409
#1	.0155974	2.751595	19.98897	5.739616	2.712005	.0722672
#2	.0168016	2.750117	20.09579	5.751143	2.723171	.0701593
#3	.0182500	2.747529	20.11221	5.743847	2.719128	.0704423

Elem	Sr4077
Units	ppm
Avg	-.181659
Stddev	.001115
%RSD	.6140062
#1	-.181879
#2	-.182648
#3	-.180450

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.620	72577.22	16956.05	2350.480	4208.146
Stddev	10.500	40.21	60.42	11.006	8.445
%RSD	.3216284	.0554072	.3563461	.4682343	.2006835
#1	3274.461	72610.67	16911.94	2356.000	4214.440
#2	3265.834	72588.38	16931.28	2337.807	4211.449
#3	3253.566	72532.60	17024.91	2357.634	4198.548

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01DUP Acquired: 10/28/2024 16:36:57 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0704985	.0022440	.3532915	-.046654	.0003493	173.5237
Stddev	.0035056	.0018609	.0007534	.005518	.0011140	.7076
%RSD	4.972561	82.93035	.2132478	11.82739	318.8822	.4077621
#1	.0724096	.0006213	.3526167	-.040580	.0016299	173.7559
#2	.0664526	.0042753	.3541044	-.051359	-.000396	174.0860
#3	.0726332	.0018354	.3531533	-.048022	-.000186	172.7292

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4840478	.0096105	.0291388	23.20905	.2732826	.1445694
Stddev	.0012046	.0001190	.0002683	.15232	.0011726	.0001312
%RSD	.2488564	1.238134	.9209048	.6562746	.4290910	.0907819
#1	.4847276	.0097442	.0288323	23.34094	.2745940	.1446415
#2	.4847588	.0095711	.0293318	23.24388	.2729187	.1446488
#3	.4826569	.0095163	.0292522	23.04234	.2723351	.1444179

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2004734	309.3031	2.852682	14.37531	.1532987	.0099570
Stddev	.0012356	.4992	.013211	.03662	.0002046	.0001697
%RSD	.6163215	.1613862	.4631250	.2547473	.1334464	1.704663
#1	.2018650	309.7795	2.865887	14.38251	.1534524	.0100925
#2	.1995052	309.3458	2.852695	14.40780	.1530665	.0100119
#3	.2000501	308.7839	2.839464	14.33562	.1533771	.0097666

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.802360	.4711691	.4358350	7.677895	.0958071	.0044042
Stddev	.015220	.0012563	.0031225	.028253	.0008037	.0001162
%RSD	.4002834	.2666364	.7164464	.3679800	.8388691	2.637766
#1	3.816344	.4726196	.4391018	7.670808	.0957085	.0043901
#2	3.786149	.4704590	.4355230	7.653860	.0950573	.0042958
#3	3.804588	.4704286	.4328802	7.709017	.0966556	.0045268

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01DUP Acquired: 10/28/2024 16:36:57 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170328	2.764715	F 20.64783	5.747668	2.736711	.0718937
Stddev	.0018258	.008674	.05076	.005088	.006311	.0010596
%RSD	10.71915	.3137493	.2458428	.0885163	.2305913	1.473877
#1	.0190694	2.773006	20.59458	5.744077	2.731332	.0729826
#2	.0155428	2.765436	20.65322	5.753490	2.743658	.0718324
#3	.0164860	2.755702	20.69567	5.745438	2.735145	.0708660

Elem	Sr4077
Units	ppm
Avg	-.187111
Stddev	.000255
%RSD	.1361648
#1	-.187383
#2	-.187072
#3	-.186878

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3187.078	70657.53	16908.66	2278.513	4120.339
Stddev	11.712	67.29	47.15	5.367	12.847
%RSD	.3674709	.0952358	.2788555	.2355702	.3117953
#1	3198.135	70729.23	16873.83	2284.671	4133.876
#2	3188.292	70647.60	16889.83	2276.036	4118.826
#3	3174.807	70595.75	16962.31	2274.831	4108.316

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01LX5 Acquired: 10/28/2024 16:41:09 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132738	-.000276	.0748502	-.012271	-.000155	40.44125	.1093386
Stddev	.0013717	.002707	.0002675	.001402	.000069	.06067	.0004989
%RSD	10.33394	981.1122	.3573695	11.42835	44.42219	.1500123	.4562786
#1	.0117066	.000398	.0751539	-.013257	-.000096	40.39524	.1098919
#2	.0138588	-.003256	.0746496	-.012890	-.000137	40.41851	.1089231
#3	.0142560	.002030	.0747472	-.010665	-.000231	40.51000	.1092007

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024045	.0041574	5.544520	.0654375	.0292062	.0492164	73.68710
Stddev	.0001115	.0000556	.013179	.0004156	.0001636	.0005908	.29795
%RSD	4.636624	1.336440	.2376989	.6350686	.5601151	1.200320	.4043465
#1	.0024616	.0042121	5.529327	.0649897	.0293934	.0498351	73.41288
#2	.0022760	.0041010	5.552867	.0658107	.0291348	.0486582	73.64428
#3	.0024758	.0041591	5.551367	.0655123	.0290905	.0491559	74.00415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6823160	3.419560	.0316005	.0027491	.8002663	.1114555	.1004364
Stddev	.0028818	.026854	.0002616	.0000836	.0054800	.0003425	.0005721
%RSD	.4223515	.7853135	.8279561	3.040390	.6847678	.3072564	.5695638
#1	.6794502	3.410860	.0316815	.0027470	.7940159	.1111699	.1010309
#2	.6822842	3.398134	.0318120	.0026667	.8025370	.1113614	.0998898
#3	.6852135	3.449685	.0313079	.0028338	.8042459	.1118351	.1003887

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.758506	.0158325	.0004734	.0034625	.6541545	4.766802	1.130146
Stddev	.006784	.0006941	.0000697	.0005437	.0017146	.024407	.002114
%RSD	.3858040	4.383772	14.72151	15.70178	.2621148	.5120261	.1870211
#1	1.761847	.0150857	.0004014	.0028744	.6535388	4.739350	1.131381
#2	1.762972	.0164578	.0005406	.0035663	.6528327	4.786052	1.131351
#3	1.750699	.0159541	.0004783	.0039468	.6560920	4.775004	1.127705

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01LX5 Acquired: 10/28/2024 16:41:09 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5408445	.0141742	-.044962
Stddev	.0050778	.0006520	.000333
%RSD	.9388632	4.600150	.7395643
#1	.5457072	.0145528	-.044603
#2	.5412503	.0134213	-.045022
#3	.5355760	.0145486	-.045260

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2991.246	62874.84	14744.32	2038.915	4607.431
Stddev	5.463	67.60	23.34	7.011	7.671
%RSD	.1826486	.1075143	.1583279	.3438507	.1664910
#1	2984.937	62935.76	14750.87	2037.093	4598.592
#2	2994.350	62802.12	14763.68	2032.995	4611.359
#3	2994.450	62886.64	14718.39	2046.657	4612.343

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01MS Acquired: 10/28/2024 16:45:23 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7074770	1.945884	1.224976	1.552723	.6790839	173.9354
Stddev	.0028526	.021745	.005327	.001903	.0040238	1.4362
%RSD	.4032042	1.117465	.4348939	.1225664	.5925292	.8256951
#1	.7083763	1.920911	1.224817	1.554441	.6795486	172.3299
#2	.7042832	1.960627	1.219731	1.553050	.6748480	174.3783
#3	.7097716	1.956113	1.230382	1.550677	.6828552	175.0979

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6464033	.1630401	.2097127	24.02630	.5939990	.3369424
Stddev	.0009481	.0005332	.0003258	.07175	.0008535	.0003353
%RSD	.1466791	.3270548	.1553483	.2986117	.1436847	.0995094
#1	.6460261	.1624551	.2096058	23.94440	.5930236	.3373064
#2	.6457019	.1634990	.2094538	24.05646	.5946086	.3366462
#3	.6474820	.1631662	.2100785	24.07805	.5943649	.3368746

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4359191	306.5941	3.019684	15.96289	.6366255	.0776121
Stddev	.0016714	.7018	.005870	.08496	.0001564	.0001602
%RSD	.3834149	.2289145	.1944054	.5322141	.0245630	.2064372
#1	.4340169	306.8326	3.013297	15.88109	.6365496	.0774372
#2	.4371528	305.8041	3.020912	16.05069	.6368053	.0777518
#3	.4365875	307.1456	3.024844	15.95689	.6365215	.0776473

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.371545	.7044802	.6085594	16.73241	.3003584	.3627321
Stddev	.030428	.0007156	.0027828	.07592	.0026311	.0008550
%RSD	.4775648	.1015765	.4572721	.4537464	.8759746	.2357077
#1	6.395957	.7042948	.6116682	16.80109	.3032811	.3618299
#2	6.337455	.7052702	.6063011	16.65088	.2996154	.3628363
#3	6.381223	.7038755	.6077090	16.74525	.2981787	.3635303

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01MS Acquired: 10/28/2024 16:45:23 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6879237	2.935865	F 21.48149	F 11.47000	2.628511	.2202045
Stddev	.0013990	.001463	.07026	.01447	.009039	.0018717
%RSD	.2033591	.0498256	.3270573	.1261272	.3438865	.8499903
#1	.6869006	2.936711	21.54734	11.46726	2.629232	.2186607
#2	.6895179	2.936708	21.40753	11.48564	2.637168	.2196664
#3	.6873528	2.934176	21.48959	11.45709	2.619133	.2222863

Elem	Sr4077
Units	ppm
Avg	-.020417
Stddev	.000404
%RSD	1.978520
#1	-.020616
#2	-.019952
#3	-.020683

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3277.104	70961.55	16560.71	2298.097	4226.015
Stddev	2.732	158.28	48.84	7.555	6.830
%RSD	.0833779	.2230527	.2948951	.3287636	.1616282
#1	3276.706	70876.67	16617.05	2289.664	4223.432
#2	3280.013	71144.17	16530.52	2304.248	4233.760
#3	3274.592	70863.82	16534.55	2300.379	4220.853

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01MSD Acquired: 10/28/2024 16:49:28 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7117218	1.910934	1.243250	1.556109	.6848054	175.6581
Stddev	.0019917	.035441	.000924	.005024	.0022458	.2589
%RSD	.2798432	1.854647	.0743263	.3228273	.3279518	.1473966
#1	.7098193	1.870153	1.244153	1.552116	.6829251	175.4141
#2	.7115540	1.928360	1.242307	1.554463	.6872922	175.9297
#3	.7137921	1.934288	1.243290	1.561750	.6841990	175.6305

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6475235	.1673129	.2147192	24.13619	.5936163	.3412847
Stddev	.0013593	.0009706	.0003984	.02616	.0026597	.0004356
%RSD	.2099268	.5801291	.1855413	.1083979	.4480511	.1276466
#1	.6459542	.1684335	.2147452	24.16372	.5965272	.3417808
#2	.6483329	.1667367	.2143085	24.11164	.5913130	.3411086
#3	.6482836	.1667685	.2151040	24.13322	.5930086	.3409647

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4535830	293.7411	3.024486	16.03743	.6456573	.0748913
Stddev	.0014173	1.7315	.005315	.06349	.0007684	.0003995
%RSD	.3124706	.5894708	.1757266	.3958600	.1190140	.5334901
#1	.4549297	291.8823	3.024567	16.05843	.6455272	.0745990
#2	.4537151	294.0326	3.019131	15.96610	.6449623	.0753465
#3	.4521043	295.3083	3.029760	16.08775	.6464825	.0747283

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.140992	.7084076	.5989889	16.31549	.2826104	.3662756
Stddev	.035779	.0011417	.0012600	.11055	.0034707	.0006860
%RSD	.5826275	.1611682	.2103583	.6775495	1.228103	.1872851
#1	6.099723	.7097239	.5983312	16.18841	.2792074	.3655422
#2	6.159965	.7078131	.6004417	16.38943	.2824786	.3663831
#3	6.163289	.7076858	.5981937	16.36864	.2861451	.3669014

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01MSD Acquired: 10/28/2024 16:49:28 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7001917	2.976031	F 21.79345	F 11.72754	2.628366	.2242074
Stddev	.0015781	.007663	.16975	.00427	.015048	.0013657
%RSD	.2253779	.2575016	.7788868	.0363721	.5725138	.6091083
#1	.7005813	2.969141	21.62182	11.72286	2.610991	.2226559
#2	.6984553	2.984285	21.79728	11.72852	2.636920	.2247388
#3	.7015384	2.974668	21.96125	11.73122	2.637187	.2252275

Elem	Sr4077
Units	ppm
Avg	-.005424
Stddev	.001357
%RSD	25.01991
#1	-.003959
#2	-.005676
#3	-.006638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3276.884	73327.31	16357.42	2355.139	4210.896
Stddev	.687	175.47	62.02	10.825	4.165
%RSD	.0209801	.2392943	.3791834	.4596275	.0989100
#1	3276.201	73528.34	16286.64	2367.578	4209.402
#2	3276.875	73204.90	16383.35	2347.858	4215.602
#3	3277.576	73248.70	16402.28	2349.980	4207.685

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01A Acquired: 10/28/2024 16:53:33 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7151705	1.906799	1.234954	1.565429	.6840917	176.8469
Stddev	.0012945	.023834	.004484	.006605	.0014704	.6132
%RSD	.1810119	1.249943	.3630883	.4219445	.2149355	.3467179
#1	.7140001	1.884377	1.230774	1.560107	.6825486	176.5570
#2	.7149504	1.904190	1.234398	1.563360	.6854765	177.5512
#3	.7165610	1.931830	1.239691	1.572822	.6842500	176.4324

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6555992	.1626587	.2136033	24.23969	.5903887	.3409602
Stddev	.0025055	.0004484	.0005952	.03621	.0014236	.0004872
%RSD	.3821689	.2756656	.2786702	.1493687	.2411286	.1428973
#1	.6535829	.1629853	.2133113	24.25939	.5890420	.3404065
#2	.6584041	.1628434	.2132105	24.19791	.5902458	.3413234
#3	.6548104	.1621475	.2142882	24.26178	.5918784	.3411508

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4507628	300.3808	3.022367	15.94945	.6441828	.0756293
Stddev	.0019456	.3135	.005419	.03351	.0007951	.0005058
%RSD	.4316360	.1043515	.1793045	.2101067	.1234230	.6687895
#1	.4491611	300.3273	3.019188	15.95767	.6432729	.0750479
#2	.4529280	300.0976	3.028624	15.91260	.6445316	.0759687
#3	.4501992	300.7176	3.019289	15.97809	.6447439	.0758712

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.386217	.7105546	.6158695	16.63501	.2864639	.3642757
Stddev	.018839	.0007836	.0031161	.01342	.0003806	.0009867
%RSD	.2949927	.1102836	.5059683	.0806798	.1328497	.2708682
#1	6.364780	.7114496	.6166483	16.64757	.2868844	.3632800
#2	6.393738	.7099918	.6124378	16.62087	.2863643	.3642940
#3	6.400135	.7102225	.6185223	16.63659	.2861430	.3652532

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4577-01A Acquired: 10/28/2024 16:53:33 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6915296	2.996529	F 21.86171	F 11.58125	2.669448	.2249552
Stddev	.0015309	.014241	.02705	.00726	.018082	.0012586
%RSD	.2213748	.4752573	.1237224	.0626993	.6773694	.5595074
#1	.6916623	2.983326	21.88091	11.57889	2.648928	.2238953
#2	.6899367	3.011620	21.83078	11.57545	2.676371	.2263463
#3	.6929898	2.994641	21.87344	11.58939	2.683047	.2246240

Elem	Sr4077
Units	ppm
Avg	-.009891
Stddev	.000870
%RSD	8.798830
#1	-.010485
#2	-.008892
#3	-.010297

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3219.264	71983.93	16489.26	2298.533	4149.634
Stddev	4.227	49.25	23.86	5.729	7.822
%RSD	.1313138	.0684151	.1447037	.2492531	.1885009
#1	3220.275	71947.27	16489.06	2299.596	4151.744
#2	3222.895	72039.91	16465.51	2303.657	4156.185
#3	3214.623	71964.61	16513.23	2292.347	4140.974

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV05 Acquired: 10/28/2024 16:57:38 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.207036	5.467993	4.986098	5.397662	5.312928	10.01957	9.804964
Stddev	.004546	.046674	.010236	.008171	.005019	.01280	.042909
%RSD	.0873028	.8535769	.2052939	.1513844	.0944612	.1277813	.4376236
#1	5.204338	5.416314	4.976058	5.389366	5.310885	10.02848	9.816402
#2	5.204486	5.480588	4.985716	5.397917	5.309253	10.00490	9.757495
#3	5.212284	5.507076	4.996519	5.405702	5.318646	10.02533	9.840995

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2412824	2.491122	23.89823	.9649848	2.494542	1.310964	4.899050
Stddev	.0010474	.007124	.09426	.0022388	.005880	.001248	.026028
%RSD	.4341031	.2859707	.3944084	.2320052	.2357311	.0951674	.5312833
#1	.2417133	2.483640	23.82346	.9640228	2.488060	1.312330	4.872356
#2	.2420455	2.491903	24.00411	.9675439	2.496029	1.309885	4.900437
#3	.2400882	2.497824	23.86712	.9633878	2.499535	1.310677	4.924356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.316987	23.68000	2.500363	1.276816	25.67253	2.422779	2.606542
Stddev	.009173	.08595	.005359	.000489	.02787	.003680	.006870
%RSD	.3958806	.3629595	.2143373	.0383275	.1085500	.1518834	.2635581
#1	2.309605	23.58111	2.495370	1.277137	25.64035	2.419281	2.598699
#2	2.327256	23.73671	2.499694	1.277058	25.68832	2.426617	2.611489
#3	2.314101	23.72219	2.506025	1.276253	25.68891	2.422440	2.609439

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.20070	4.808812	5.381329	4.993427	4.798459	5.334723	5.188510
Stddev	.06068	.017288	.006786	.017986	.012795	.032876	.025334
%RSD	.2315866	.3595121	.1261062	.3602003	.2666522	.6162596	.4882638
#1	26.15391	4.815269	5.377681	4.973148	4.791172	5.299670	5.163185
#2	26.17893	4.821943	5.377146	4.999683	4.813233	5.339628	5.188495
#3	26.26926	4.789225	5.389158	5.007451	4.790972	5.364871	5.213852

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV05 Acquired: 10/28/2024 16:57:38 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.942922	4.808281	4.964650
Stddev	.012567	.025007	.032899
%RSD	.2542419	.5200832	.6626734
#1	4.928655	4.804331	4.938900
#2	4.947762	4.835027	5.001713
#3	4.952350	4.785483	4.953336

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2724.390	60934.40	13154.79	1922.639	4255.042
Stddev	11.256	36.10	38.57	4.262	8.803
%RSD	.4131541	.0592440	.2932321	.2216610	.2068871
#1	2711.741	60925.24	13139.90	1926.525	4246.833
#2	2733.302	60974.20	13125.88	1923.310	4264.338
#3	2728.126	60903.77	13198.58	1918.081	4253.956

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB05 Acquired: 10/28/2024 17:01:49 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005311	-.001226	.0004288	.0008660	.0011380	.0069992	-.003560
Stddev	.0005584	.000575	.0003424	.0004565	.0011082	.0013293	.000385
%RSD	105.1547	46.92613	79.85022	52.71688	97.38707	18.99228	10.81933
#1	.0002074	-.000694	.0002623	.0013910	.0000739	.0085153	-.003773
#2	.0011759	-.001148	.0002015	.0005624	.0010544	.0064485	-.003791
#3	.0002099	-.001836	.0008226	.0006446	.0022856	.0060337	-.003115

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000546	.0000195	-.001976	-.000418	.0001623	-.001053	-.014647
Stddev	.0000343	.0000269	.006614	.000124	.0001320	.000427	.000811
%RSD	62.86862	137.8198	334.6480	29.75629	81.31226	40.57345	5.539817
#1	.0000448	-.000006	.003226	-.000512	.0000557	-.001256	-.015287
#2	.0000928	.000048	-.009420	-.000465	.0001212	-.001342	-.013734
#3	.0000263	.000017	.000264	-.000277	.0003099	-.000562	-.014919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000123	.0030558	.0001841	.0006076	-.078681	.0001192	-.004604
Stddev	.000082	.0057925	.0002167	.0000838	.005115	.0011394	.000194
%RSD	66.57019	189.5593	117.6879	13.79298	6.500464	955.6719	4.208266
#1	-.000109	.0087144	.0004045	.0007036	-.083974	-.000812	-.004676
#2	-.000211	-.002862	.0001765	.0005694	-.078305	-.000220	-.004751
#3	-.000049	.003315	-.000029	.0005496	-.073765	.001390	-.004385

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009325	-.002444	.0000558	.0019271	.0008338	-.003750	-.001356
Stddev	.011271	.000315	.0000894	.0005527	.0002415	.003556	.000809
%RSD	120.8632	12.87855	160.0015	28.68012	28.96285	94.81898	59.61718
#1	.000282	-.002777	.0000943	.0021909	.0009769	.000246	-.000537
#2	-.021733	-.002402	-.000046	.0012919	.0009694	-.006564	-.001378
#3	-.006526	-.002152	.000120	.0022985	.0005550	-.004933	-.002154

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB05 Acquired: 10/28/2024 17:01:49 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB05 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0021366	-.001261	.0000058
Stddev	.0026084	.000487	.0000094
%RSD	122.0805	38.61482	160.9534
#1	.0030562	-.001299	.0000148
#2	.0041607	-.000756	.0000066
#3	-.000807	-.001727	-.000004

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2904.206	62918.37	13936.12	2029.894	4880.786
Stddev	6.762	40.03	52.36	5.917	10.595
%RSD	.2328346	.0636253	.3756877	.2914745	.2170789
#1	2896.471	62881.01	13877.05	2035.288	4868.998
#2	2908.995	62913.48	13954.52	2023.566	4883.843
#3	2907.152	62960.62	13976.79	2030.827	4889.516

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164439BL Acquired: 10/28/2024 17:06:10 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000101	-.001891	-.000946	-.001647	-.000238	.0044567	-.003071
Stddev	.001716	.000924	.000224	.000620	.000226	.0028531	.000586
%RSD	1698.339	48.89227	23.66100	37.62455	95.00608	64.01899	19.08434
#1	.001589	-.002707	-.000964	-.001642	-.000495	.0011983	-.003329
#2	-.001843	-.000887	-.000714	-.001030	-.000067	.0065072	-.002400
#3	-.000050	-.002079	-.001161	-.002270	-.000153	.0056646	-.003484

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000291	.0000437	.0001911	-.000080	.0001682	-.001175	-.013491
Stddev	.0000092	.0000173	.0033560	.000171	.0001016	.000447	.002077
%RSD	31.57310	39.68743	1756.572	214.9434	60.39867	38.04959	15.39636
#1	.0000368	.0000368	-.002139	-.000001	.0002841	-.001675	-.014226
#2	.0000316	.0000308	-.001325	-.000276	.0000948	-.000814	-.011146
#3	.0000189	.0000634	.004038	.000038	.0001256	-.001036	-.015100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000286	.0003933	.0002181	.0007045	-.087979	-.000372	-.004731
Stddev	.000054	.0061189	.0001698	.0001232	.010658	.000497	.000347
%RSD	18.82706	1555.812	77.85670	17.48281	12.11397	133.6990	7.343664
#1	-.000230	.0073796	.0000600	.0007644	-.098218	-.000674	-.004490
#2	-.000289	-.002186	.0003975	.0007863	-.088771	-.000643	-.004573
#3	-.000338	-.004013	.0001968	.0005629	-.076947	.000202	-.005129

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005425	-.004297	-.000070	.0013998	.0007851	-.009997	-.002838
Stddev	.000772	.000309	.000188	.0007522	.0004707	.001064	.001166
%RSD	14.23140	7.201325	270.5695	53.73601	59.94977	10.64765	41.08844
#1	-.005756	-.004641	-.000223	.0022640	.0008290	-.008914	-.004159
#2	-.005976	-.004042	.000141	.0010430	.0002940	-.010034	-.001951
#3	-.004543	-.004208	-.000126	.0008924	.0012323	-.011042	-.002404

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164439BL Acquired: 10/28/2024 17:06:10 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0010232	-.001902	-.000019
Stddev	.0015746	.000687	.000021
%RSD	153.8876	36.12407	112.8263
#1	.0006346	-.002647	-.000013
#2	-.000321	-.001293	-.000042
#3	.002756	-.001766	-.000001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.305	63774.49	13871.69	2072.517	4939.755
Stddev	5.387	158.61	48.23	12.158	6.018
%RSD	.1832029	.2486996	.3476589	.5866304	.1218227
#1	2944.388	63647.59	13824.40	2069.474	4938.148
#2	2934.200	63952.30	13869.86	2085.907	4934.703
#3	2942.328	63723.57	13920.80	2062.168	4946.413

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164439BS Acquired: 10/28/2024 17:10:31 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7579181	2.085517	.9452317	1.961221	.8316314	1.947298
Stddev	.0016101	.021194	.0020314	.005391	.0046681	.011289
%RSD	.2124339	1.016224	.2149079	.2748988	.5613209	.5797310
#1	.7596141	2.081758	.9470520	1.966264	.8370007	1.949146
#2	.7564105	2.066455	.9430404	1.955538	.8293586	1.935199
#3	.7577297	2.108339	.9456027	1.961861	.8285349	1.957549

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1886248	.1956036	.1855910	.9966623	.4054352	.2000238
Stddev	.0004062	.0011448	.0002276	.0029731	.0005536	.0003384
%RSD	.2153321	.5852479	.1226499	.2983033	.1365490	.1691567
#1	.1883239	.1953315	.1857852	.9932646	.4052175	.2003325
#2	.1884636	.1946193	.1853405	.9979357	.4060646	.1996621
#3	.1890868	.1968598	.1856473	.9987866	.4050235	.2000766

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3212625	3.027057	.1883817	1.872126	.5015891	.0776833
Stddev	.0004354	.008980	.0009861	.006255	.0010646	.0003532
%RSD	.1355381	.2966585	.5234808	.3340973	.2122509	.4547191
#1	.3217322	3.037371	.1886213	1.871670	.5028183	.0774824
#2	.3211830	3.022825	.1872979	1.866112	.5009861	.0774763
#3	.3208723	3.020975	.1892260	1.878597	.5009628	.0780912

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.899035	.2860021	.2141870	10.36778	.2804322	.4430732
Stddev	.007571	.0005096	.0005128	.03269	.0017343	.0011436
%RSD	.2611547	.1781635	.2394296	.3153136	.6184409	.2581042
#1	2.897044	.2854485	.2135956	10.38341	.2806567	.4443853
#2	2.907402	.2861065	.2145089	10.38973	.2785966	.4425462
#3	2.892658	.2864514	.2144566	10.33021	.2820433	.4422882

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164439BS Acquired: 10/28/2024 17:10:31 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7061093	.1917115	F .7180163	5.917650	F -.009954	.1767074
Stddev	.0028631	.0006042	.0059216	.015076	.000423	.0015843
%RSD	.4054714	.3151336	.8247134	.2547556	4.250123	.8965850
#1	.7094150	.1911793	.7111907	5.932920	-.010418	.1759200
#2	.7044946	.1915870	.7210777	5.902776	-.009852	.1756711
#3	.7044183	.1923682	.7217805	5.917255	-.009591	.1785312

Elem	Sr4077
Units	ppm
Avg	.1955565
Stddev	.0004957
%RSD	.2535059
#1	.1958440
#2	.1949840
#3	.1958414

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.407	62716.86	13788.45	2064.184	4823.152
Stddev	11.652	90.60	72.32	7.843	12.996
%RSD	.3940106	.1444606	.5245316	.3799381	.2694434
#1	2944.292	62621.21	13772.46	2055.767	4808.744
#2	2966.567	62727.99	13867.43	2071.286	4833.990
#3	2961.363	62801.38	13725.45	2065.499	4826.721

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4452-03 Acquired: 10/28/2024 17:14:32 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008567	-.012225	.0031696	.0007966	.0004409	.0016587	.4614617
Stddev	.003090	.001364	.0006053	.0012066	.0006161	.0030873	.0038718
%RSD	36.07422	11.15762	19.09813	151.4741	139.7347	186.1262	.8390181
#1	-.009505	-.011270	.0024988	-.000512	-.000247	-.001664	.4650402
#2	-.011080	-.013787	.0033347	.001036	.000943	.002201	.4619932
#3	-.005116	-.011617	.0036752	.001866	.000627	.004439	.4573516

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000162	-.000168	358.0229	.1892332	-.000076	.0018835	.0486003
Stddev	.000043	.000015	3.8311	.0013716	.000250	.0002302	.0019510
%RSD	26.27964	8.941950	1.070081	.7248159	329.1316	12.22260	4.014366
#1	-.000187	-.000161	359.1886	.1902549	.000108	.0020584	.0508488
#2	-.000186	-.000185	361.1358	.1876743	.000024	.0016227	.0473556
#3	-.000113	-.000157	353.7443	.1897703	-.000361	.0019695	.0475965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050894	.0100746	.0021481	-.000159	499.4697	-.000086	.0355646
Stddev	.0001342	.0055967	.0003157	.000114	.6419	.000770	.0003488
%RSD	2.636180	55.55302	14.69895	71.85700	.1285232	899.4161	.9807546
#1	.0050559	.0121764	.0025080	-.000254	499.3095	.000127	.0357655
#2	.0049751	.0037312	.0020182	-.000032	498.9230	.000556	.0357664
#3	.0052371	.0143161	.0019180	-.000191	500.1766	-.000940	.0351618

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.45926	.0062924	.0503108	-.004790	-.007508	.1720055	-.004605
Stddev	.07961	.0001878	.0002350	.001445	.000301	.0034610	.002751
%RSD	.4312815	2.984677	.4670280	30.16526	4.014050	2.012174	59.73681
#1	18.52884	.0065034	.0505644	-.003336	-.007256	.1760019	-.002438
#2	18.37244	.0062301	.0501006	-.004808	-.007426	.1699909	-.003677
#3	18.47650	.0061435	.0502672	-.006225	-.007842	.1700236	-.007700

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4452-03 Acquired: 10/28/2024 17:14:32 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.150703	.0965933	.6007145
Stddev	.010527	.0013084	.0042383
%RSD	.9148230	1.354569	.7055450
#1	1.161631	.0953144	.6049932
#2	1.140630	.0965362	.6006324
#3	1.149847	.0979293	.5965178

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2385.172	53121.24	13169.23	1675.628	3636.566
Stddev	5.065	144.71	106.92	4.068	5.739
%RSD	.2123396	.2724061	.8118781	.2427739	.1578045
#1	2384.002	52965.36	13077.43	1675.159	3632.878
#2	2380.794	53251.30	13143.63	1679.909	3633.642
#3	2390.719	53147.07	13286.62	1671.814	3643.177

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4545-02 Acquired: 10/28/2024 17:19:06 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009079	-.010818	.0171562	.0048518	.0018180	.2100285	.1701256
Stddev	.001947	.000411	.0005956	.0020014	.0003618	.0035915	.0015560
%RSD	21.44476	3.794624	3.471736	41.25181	19.90319	1.709989	.9145954
#1	-.007253	-.011196	.0166744	.0071567	.0018615	.2137013	.1711958
#2	-.008856	-.010877	.0169720	.0038454	.0021561	.2065243	.1708403
#3	-.011128	-.010381	.0178221	.0035532	.0014363	.2098598	.1683407

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000001	.0008421	44.07656	.0073185	.0031178	.0120784	.2046799
Stddev	.000037	.0001028	.33196	.0002689	.0001777	.0004580	.0030920
%RSD	3841.916	12.20851	.7531415	3.674511	5.698353	3.791526	1.510645
#1	-.000040	.0008874	44.22486	.0073818	.0033222	.0115829	.2036329
#2	.000004	.0009144	44.30853	.0070235	.0030307	.0121663	.2081595
#3	.000033	.0007244	43.69631	.0075501	.0030005	.0124861	.2022474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5459103	2.266563	.0083565	.0006325	321.0444	.0001837	.0887089
Stddev	.0048753	.024434	.0001922	.0001582	1.0840	.0006263	.0005657
%RSD	.8930579	1.078026	2.300276	25.00851	.3376349	340.9176	.6377122
#1	.5493959	2.272067	.0083261	.0004709	320.8449	-.000240	.0880761
#2	.5479960	2.287775	.0081812	.0006396	322.2143	.000903	.0888849
#3	.5403392	2.239846	.0085621	.0007871	320.0741	-.000112	.0891656

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.825717	.0052727	.0005898	-.002512	.0053054	1.575727	.0075258
Stddev	.025910	.0004744	.0001688	.000114	.0006425	.007503	.0003060
%RSD	1.419188	8.996488	28.61352	4.550702	12.10941	.4761453	4.066523
#1	1.817111	.0049765	.0007203	-.002633	.0056007	1.569306	.0073495
#2	1.805205	.0058198	.0006498	-.002499	.0057471	1.583974	.0078792
#3	1.854835	.0050218	.0003992	-.002405	.0045684	1.573900	.0073488

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4545-02 Acquired: 10/28/2024 17:19:06 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.245170	.0106994	.2068983
Stddev	.005609	.0009354	.0015895
%RSD	.4504281	8.742054	.7682340
#1	1.247788	.0117276	.2080167
#2	1.248990	.0098991	.2075994
#3	1.238731	.0104715	.2050789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2586.906	57130.24	13935.49	1799.957	4026.958
Stddev	15.323	165.82	111.69	13.909	13.121
%RSD	.5923334	.2902502	.8014810	.7727280	.3258240
#1	2571.542	57303.74	13848.33	1813.630	4012.468
#2	2586.988	56973.34	13896.75	1785.824	4030.368
#3	2602.188	57113.65	14061.39	1800.419	4038.037

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-04 Acquired: 10/28/2024 17:23:33 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006374	-.010840	-.001122	.0035937	.0013372	.1745641	.2057839
Stddev	.000818	.001302	.001071	.0010638	.0003423	.0021911	.0003243
%RSD	12.82614	12.01526	95.49363	29.60160	25.59950	1.255193	.1575776
#1	-.005758	-.012246	.000073	.0043318	.0010589	.1723459	.2057350
#2	-.006063	-.009676	-.001443	.0023743	.0017195	.1746194	.2054869
#3	-.007301	-.010597	-.001995	.0040749	.0012334	.1767271	.2061299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000053	.0004745	7.337054	.0086327	.0045868	.0466464	1.216129
Stddev	.000048	.0000077	.021677	.0003173	.0002045	.0005007	.007136
%RSD	91.33286	1.614028	.2954474	3.675450	4.458899	1.073315	.5867892
#1	-.000000	.0004808	7.324360	.0087213	.0045153	.0463854	1.224252
#2	-.000096	.0004767	7.324717	.0082805	.0048175	.0463302	1.213266
#3	-.000063	.0004659	7.362083	.0088963	.0044277	.0472236	1.210869

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.346038	1.640359	.0107546	.0005732	341.4910	-.000223	.0523651
Stddev	.012720	.010458	.0001262	.0001355	2.0027	.001021	.0005383
%RSD	.2926745	.6375495	1.173702	23.63889	.5864560	457.2335	1.027934
#1	4.345026	1.630678	.0106569	.0004701	342.9461	-.000889	.0521100
#2	4.333855	1.638947	.0107099	.0007267	342.3200	-.000733	.0529835
#3	4.359234	1.651451	.0108972	.0005229	339.2069	.000952	.0520018

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.055216	.0061713	.0000916	-.000747	.0048728	.5545526	.0068675
Stddev	.008191	.0004896	.0001490	.000398	.0005993	.0062150	.0020908
%RSD	.7762349	7.933488	162.7308	53.24124	12.29829	1.120719	30.44466
#1	1.048603	.0056509	-.000080	-.000770	.0048672	.5615882	.0061172
#2	1.064378	.0066227	.000183	-.001134	.0054749	.5522603	.0052554
#3	1.052666	.0062404	.000172	-.000339	.0042764	.5498094	.0092299

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-04 Acquired: 10/28/2024 17:23:33 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2035586	.0004053	.0414754
Stddev	.0039763	.0010737	.0000194
%RSD	1.953403	264.9156	.0467576
#1	.2039661	.0007559	.0414684
#2	.1993942	.0012598	.0414974
#3	.2073154	-.000800	.0414605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2632.212	57451.25	13788.23	1853.244	4083.367
Stddev	11.971	288.00	21.54	12.512	13.022
%RSD	.4547786	.5012910	.1562159	.6751393	.3189150
#1	2624.179	57128.74	13804.02	1842.096	4071.095
#2	2645.970	57542.25	13796.97	1850.860	4097.029
#3	2626.487	57682.75	13763.69	1866.776	4081.978

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-08 Acquired: 10/28/2024 17:28:00 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009179	-.011589	-.001941	.0034998	.0012690	.1267307	.3420510
Stddev	.000933	.000446	.000725	.0012460	.0001847	.0048351	.0017384
%RSD	10.16847	3.846560	37.34144	35.60086	14.55583	3.815221	.5082143
#1	-.009996	-.011967	-.002292	.0035560	.0011285	.1249659	.3440060
#2	-.009381	-.011701	-.002424	.0047166	.0012002	.1322002	.3414677
#3	-.008162	-.011097	-.001108	.0022266	.0014782	.1230260	.3406794

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000058	.0004161	40.81106	.0097167	.0066957	.2694127	.1692396
Stddev	.000041	.0000486	.10952	.0006300	.0001428	.0014310	.0010512
%RSD	70.94075	11.68642	.2683682	6.483872	2.133187	.5311631	.6211061
#1	-.000030	.0003609	40.68950	.0091526	.0068605	.2709172	.1693164
#2	-.000105	.0004523	40.84162	.0103966	.0066099	.2680687	.1702502
#3	-.000039	.0004352	40.90205	.0096009	.0066165	.2692521	.1681521

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.794059	1.578630	.0093717	.0008337	373.8026	-.000621	.0402926
Stddev	.007676	.012093	.0000667	.0001976	.5997	.000332	.0002166
%RSD	.1601220	.7660564	.7119458	23.70450	.1604287	53.40663	.5375617
#1	4.802097	1.565037	.0092950	.0009253	373.2434	-.000455	.0400460
#2	4.786804	1.582656	.0094036	.0009688	373.7285	-.000405	.0404518
#3	4.793276	1.588197	.0094166	.0006069	374.4359	-.001003	.0403801

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7257502	.0038477	.0003172	-.002762	.0034966	.5107571	.0037583
Stddev	.0181328	.0003278	.0003602	.001276	.0003426	.0036715	.0035487
%RSD	2.498491	8.519563	113.5413	46.18135	9.798245	.7188249	94.42266
#1	.7196675	.0038324	.0007071	-.003724	.0031258	.5147983	.0032747
#2	.7114407	.0035278	.0002476	-.003247	.0038013	.5098460	.0004763
#3	.7461423	.0041829	-.000003	-.001315	.0035628	.5076270	.0075241

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-08 Acquired: 10/28/2024 17:28:00 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2538166	.0085364	.0661005
Stddev	.0033582	.0010558	.0002888
%RSD	1.323074	12.36864	.4369598
#1	.2564801	.0081170	.0664333
#2	.2549256	.0097375	.0659153
#3	.2500442	.0077547	.0659529

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2633.217	57404.53	13775.98	1851.528	4035.168
Stddev	14.421	188.77	23.33	11.540	13.436
%RSD	.5476469	.3288467	.1693659	.6232816	.3329778
#1	2616.620	57317.82	13774.99	1839.163	4019.973
#2	2642.680	57274.69	13753.16	1853.408	4045.481
#3	2640.352	57621.08	13799.80	1862.013	4040.050

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4561-04 Acquired: 10/28/2024 17:32:26 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008740	-.012986	-.001070	.0036862	.0005028	-.010719	.4163123
Stddev	.001194	.002518	.000198	.0005236	.0011823	.009971	.0019597
%RSD	13.65816	19.38770	18.52935	14.20480	235.1429	93.02205	.4707332
#1	-.007404	-.015020	-.001291	.0031868	.0016604	-.015267	.4142187
#2	-.009113	-.013766	-.001008	.0042311	.0005509	.000715	.4181028
#3	-.009702	-.010170	-.000909	.0036407	-.000703	-.017605	.4166155

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000288	.0002055	123.1222	.0011348	.0072147	.0200060	.0945102
Stddev	.000054	.0000822	.9242	.0000313	.0002756	.0003821	.0023925
%RSD	18.84886	39.97543	.7506718	2.761840	3.819903	1.909731	2.531426
#1	-.000225	.0002008	122.0549	.0011259	.0073577	.0201894	.0943970
#2	-.000313	.0002899	123.6551	.0011088	.0068969	.0195668	.0969573
#3	-.000324	.0001258	123.6565	.0011696	.0073893	.0202617	.0921764

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.828846	2.624161	.0025286	.0003599	327.7011	-.000085	.0220622
Stddev	.015013	.014847	.0000573	.0001257	2.7588	.000404	.0002762
%RSD	.5307270	.5657816	2.264106	34.91905	.8418671	473.2391	1.252003
#1	2.811608	2.607025	.0025203	.0004438	329.5073	-.000119	.0220329
#2	2.839059	2.633170	.0024759	.0004206	329.0704	-.000471	.0223518
#3	2.835871	2.632288	.0025895	.0002154	324.5255	.000334	.0218017

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6874812	-.000493	.0008876	-.003622	-.001251	.4529605	-.003014
Stddev	.0154560	.000288	.0001172	.000488	.000074	.0025213	.002428
%RSD	2.248206	58.34166	13.20573	13.46229	5.908419	.5566253	80.54242
#1	.6704866	-.000761	.0010176	-.004057	-.001287	.4513033	-.000812
#2	.6912587	-.000189	.0008551	-.003095	-.001166	.4517161	-.002612
#3	.7006983	-.000529	.0007900	-.003714	-.001300	.4558621	-.005618

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4561-04 Acquired: 10/28/2024 17:32:26 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3125523	.0269046	.1582310
Stddev	.0061230	.0003427	.0006367
%RSD	1.959033	1.273813	.4023703
#1	.3118018	.0269222	.1575172
#2	.3068392	.0272382	.1587403
#3	.3190160	.0265535	.1584354

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.847	57182.16	13741.71	1814.700	3920.944
Stddev	13.677	278.24	45.13	15.178	15.275
%RSD	.5349140	.4865872	.3283956	.8363681	.3895673
#1	2557.165	57006.92	13778.16	1802.084	3919.893
#2	2570.363	57036.58	13691.24	1810.474	3936.717
#3	2543.014	57502.99	13755.75	1831.543	3906.222

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4561-08 Acquired: 10/28/2024 17:36:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006655	-.008544	.0011179	.0026316	.0012208	.1923872	.2800380
Stddev	.001162	.001681	.0009794	.0013944	.0012055	.0015728	.0008870
%RSD	17.46333	19.68034	87.61189	52.98618	98.74408	.8175159	.3167364
#1	-.005927	-.010296	.0020886	.0013586	.0002113	.1916827	.2809227
#2	-.007995	-.008391	.0011352	.0024145	.0008956	.1912899	.2791487
#3	-.006042	-.006944	.0001299	.0041219	.0025555	.1941891	.2800426

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004119	.0002629	3.757846	.0045676	.0089633	.0032187	9.131583
Stddev	.0000166	.0000138	.011999	.0002434	.0001933	.0000553	.055821
%RSD	4.040170	5.247088	.3193055	5.328374	2.156205	1.718468	.6112987
#1	.0004285	.0002762	3.744148	.0042923	.0091769	.0031618	9.079855
#2	.0004118	.0002637	3.762896	.0046561	.0089124	.0032220	9.124142
#3	.0003953	.0002487	3.766495	.0047543	.0088006	.0032723	9.190751

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4690981	.5355049	.0120817	.0009671	359.6596	.0007676	.0435735
Stddev	.0001188	.0043739	.0002280	.0001078	2.0910	.0007102	.0003295
%RSD	.0253292	.8167857	1.887260	11.15049	.5813792	92.52768	.7560770
#1	.4689688	.5355065	.0121293	.0010846	362.0623	.0012945	.0431938
#2	.4691230	.5311302	.0122822	.0009438	358.2526	.0010483	.0437434
#3	.4692025	.5398781	.0118337	.0008728	358.6638	-.000040	.0437833

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5874589	.0023487	.0005249	-.001150	.0049790	.3652242	.0086324
Stddev	.0071024	.0004414	.0001390	.001046	.0006760	.0052002	.0025142
%RSD	1.209012	18.79473	26.49063	90.94040	13.57735	1.423849	29.12517
#1	.5808215	.0025552	.0004546	-.000953	.0050732	.3643827	.0113981
#2	.5949494	.0018419	.0004350	-.000217	.0042609	.3707939	.0064850
#3	.5866059	.0026490	.0006850	-.002281	.0056030	.3604961	.0080142

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4561-08 Acquired: 10/28/2024 17:36:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2705891	-.000335	.0245912
Stddev	.0021370	.000315	.0000568
%RSD	.7897732	93.83956	.2309764
#1	.2730523	-.000068	.0246550
#2	.2694850	-.000257	.0245462
#3	.2692299	-.000682	.0245723

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.106	57791.98	13901.46	1838.578	4086.605
Stddev	5.251	129.92	14.94	4.284	6.893
%RSD	.2011778	.2248036	.1074886	.2329855	.1686736
#1	2614.904	57933.17	13887.54	1843.063	4094.184
#2	2610.918	57765.27	13899.58	1834.529	4084.921
#3	2604.496	57677.49	13917.25	1838.141	4080.710

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-04 Acquired: 10/28/2024 17:41:18 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004998	-.011605	.0380382	.0044928	.0006185	.1363255	.1224330
Stddev	.003690	.000465	.0004452	.0004815	.0008303	.0051824	.0000413
%RSD	73.83351	4.002844	1.170509	10.71708	134.2393	3.801458	.0337179
#1	-.001534	-.011843	.0377820	.0050438	.0009961	.1385149	.1224223
#2	-.008879	-.011070	.0385523	.0041526	-.000333	.1304077	.1224785
#3	-.004581	-.011903	.0377802	.0042821	.001193	.1400538	.1223980

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000803	.0014567	18.23948	.0101891	.0174874	.0277208	.2084907
Stddev	.0000525	.0001073	.02559	.0001402	.0001760	.0001667	.0012817
%RSD	65.43498	7.367977	.1403199	1.375842	1.006200	.6015482	.6147511
#1	.0000948	.0014068	18.26517	.0103489	.0176534	.0276085	.2096165
#2	.0001241	.0013835	18.21398	.0101321	.0173029	.0276414	.2087599
#3	.0000220	.0015799	18.23929	.0100865	.0175059	.0279124	.2070959

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.169825	1.116237	.0212069	.0006409	352.5566	-.000186	.2209533
Stddev	.005106	.006303	.0001330	.0002246	1.2932	.000566	.0002425
%RSD	.4364965	.5646597	.6269897	35.04286	.3668136	304.1908	.1097541
#1	1.173143	1.110907	.0212943	.0004191	351.1416	.000089	.2209898
#2	1.163945	1.123194	.0212725	.0006354	352.8506	.000190	.2211755
#3	1.172386	1.114610	.0210539	.0008682	353.6774	-.000838	.2206946

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.370648	.0010552	.0004556	-.001417	.0028516	1.680934	.0679348
Stddev	.011469	.0003277	.0000595	.000488	.0001421	.010951	.0004937
%RSD	.4837934	31.05505	13.06735	34.41719	4.981873	.6514752	.7267614
#1	2.357738	.0006877	.0004798	-.001310	.0027415	1.668742	.0680040
#2	2.374549	.0011609	.0003878	-.001949	.0030119	1.689934	.0674101
#3	2.379659	.0013170	.0004992	-.000992	.0028012	1.684126	.0683902

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-04 Acquired: 10/28/2024 17:41:18 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3084499	.0073318	.0902030
Stddev	.0012988	.0006336	.0003119
%RSD	.4210846	8.641401	.3457289
#1	.3074722	.0066026	.0905152
#2	.3079539	.0076449	.0898915
#3	.3099237	.0077478	.0902023

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2606.751	56285.18	13825.96	1802.801	4071.925
Stddev	5.463	118.96	50.96	7.729	2.171
%RSD	.2095743	.2113478	.3685879	.4287390	.0533191
#1	2606.091	56170.64	13767.85	1795.520	4070.054
#2	2601.648	56408.12	13863.04	1801.972	4071.414
#3	2612.514	56276.79	13846.98	1810.912	4074.305

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-08 Acquired: 10/28/2024 17:45:44 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008483	-.011836	.0326602	.0053985	.0007735	.1362128	.1528097
Stddev	.001484	.001885	.0002903	.0014070	.0004477	.0043615	.0003383
%RSD	17.49146	15.92323	.8887833	26.06271	57.87886	3.201957	.2213760
#1	-.009440	-.010481	.0324686	.0066752	.0010038	.1315213	.1528927
#2	-.009236	-.011040	.0325178	.0038900	.0002575	.1401444	.1524376
#3	-.006774	-.013988	.0329942	.0056303	.0010592	.1369726	.1530987

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000378	.0019869	32.79982	.0032867	.0113937	.0093630	.8723391
Stddev	.0000389	.0000761	.14215	.0005257	.0001881	.0004061	.0040025
%RSD	102.8945	3.829773	.4333949	15.99328	1.650841	4.337410	.4588239
#1	.0000010	.0020743	32.70810	.0028628	.0112559	.0091288	.8677595
#2	.0000786	.0019509	32.96357	.0038749	.0113173	.0091282	.8740893
#3	.0000339	.0019355	32.72779	.0031224	.0116080	.0098319	.8751683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.154887	1.113405	.0168111	.0003871	387.0108	.0003955	.1697714
Stddev	.002146	.013240	.0002255	.0002495	1.7731	.0007424	.0003797
%RSD	.1858014	1.189158	1.341592	64.43700	.4581569	187.7055	.2236594
#1	1.152442	1.101179	.0168630	.0001923	385.2180	.0003341	.1701023
#2	1.156454	1.127468	.0165642	.0003008	388.7636	-.000314	.1693569
#3	1.155767	1.111570	.0170062	.0006683	387.0508	.001167	.1698551

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.318728	.0049396	.0004772	-.001229	.0008531	1.977311	.0056692
Stddev	.013640	.0003286	.0002311	.000988	.0001225	.012908	.0021033
%RSD	1.034321	6.652649	48.41901	80.40227	14.35949	.6527848	37.10152
#1	1.324547	.0049157	.0004458	-.001599	.0007862	1.971437	.0074270
#2	1.303143	.0046237	.0002635	-.001980	.0009944	1.992111	.0033389
#3	1.328492	.0052796	.0007224	-.000109	.0007786	1.968385	.0062416

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-08 Acquired: 10/28/2024 17:45:44 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6235563	.0077890	.1815162
Stddev	.0047901	.0010881	.0005634
%RSD	.7681928	13.97025	.3104144
#1	.6216565	.0084464	.1808779
#2	.6200075	.0065330	.1817262
#3	.6290049	.0083876	.1819445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2621.688	57184.23	13734.93	1842.976	4057.301
Stddev	7.496	196.20	10.54	5.723	9.499
%RSD	.2859213	.3431000	.0767734	.3105202	.2341112
#1	2619.435	57146.37	13726.36	1846.604	4053.307
#2	2630.052	57009.72	13731.72	1836.379	4068.145
#3	2615.577	57396.60	13746.71	1845.945	4050.452

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV06 Acquired: 10/28/2024 17:50:10 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.079792	5.369578	4.966399	5.213951	5.167432	9.867954	9.782847
Stddev	.008481	.064731	.003398	.003052	.009574	.032581	.087095
%RSD	.1669598	1.205518	.0684177	.0585374	.1852786	.3301662	.8902869
#1	5.074447	5.443965	4.968407	5.213217	5.156936	9.892861	9.881588
#2	5.075359	5.326056	4.962476	5.211333	5.175686	9.879920	9.716946
#3	5.089571	5.338713	4.968314	5.217303	5.169675	9.831083	9.750008

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2445298	2.486409	23.97614	.9726703	2.484309	1.290460	4.879045
Stddev	.0008496	.003684	.08933	.0054591	.002808	.003217	.006625
%RSD	.3474439	.1481522	.3725750	.5612494	.1130389	.2492650	.1357818
#1	.2452350	2.486128	24.07789	.9701629	2.483984	1.288314	4.885941
#2	.2447680	2.482873	23.93989	.9789327	2.481677	1.288907	4.872730
#3	.2435866	2.490225	23.91063	.9689154	2.487265	1.294158	4.878464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.321111	23.83914	2.488773	1.269170	24.85459	2.413135	2.577802
Stddev	.012533	.07607	.002492	.001664	.09994	.008451	.002834
%RSD	.5399393	.3190973	.1001322	.1311347	.4020884	.3502081	.1099280
#1	2.334596	23.92682	2.487427	1.268074	24.92873	2.422410	2.578172
#2	2.318918	23.79075	2.487244	1.271085	24.89411	2.411123	2.574802
#3	2.309820	23.79985	2.491649	1.268351	24.74094	2.405871	2.580433

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.64259	4.840235	5.274570	4.981446	4.766458	5.125705	5.285092
Stddev	.05292	.011384	.007890	.006938	.022133	.042463	.017783
%RSD	.2063773	.2351865	.1495825	.1392851	.4643568	.8284386	.3364708
#1	25.62327	4.849261	5.271428	4.983474	4.788709	5.080255	5.305072
#2	25.70245	4.843996	5.268735	4.973720	4.766221	5.132497	5.271000
#3	25.60204	4.827446	5.283546	4.987145	4.744444	5.164362	5.279204

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV06 Acquired: 10/28/2024 17:50:10 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.916158	4.744212	4.906139
Stddev	.021183	.029984	.010610
%RSD	.4308751	.6320225	.2162680
#1	4.940070	4.772785	4.916659
#2	4.899745	4.746860	4.895440
#3	4.908659	4.712992	4.906317

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2806.968	61713.81	13155.74	1991.571	4340.911
Stddev	8.125	12.50	65.06	11.087	11.149
%RSD	.2894479	.0202560	.4945414	.5567167	.2568448
#1	2816.057	61699.39	13081.40	1985.691	4352.817
#2	2804.439	61721.45	13183.54	2004.360	4339.199
#3	2800.410	61720.60	13202.28	1984.663	4330.717

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB06 Acquired: 10/28/2024 17:54:23 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004006	-.002253	-.000224	-.000534	.0003046	.0046127	-.003511
Stddev	.0008283	.000473	.000555	.001683	.0012811	.0027270	.000098
%RSD	206.7579	21.00146	247.2829	315.3904	420.5259	59.11944	2.791698
#1	.0013570	-.002317	-.000053	-.002430	.0017436	.0061198	-.003414
#2	-.000072	-.002691	-.000845	.000049	-.000118	.0014648	-.003610
#3	-.000083	-.001751	.000224	.000781	-.000712	.0062536	-.003508

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000376	.0000547	.0030816	-.000498	.0000658	-.001344	-.015660
Stddev	.0000605	.0000637	.0034883	.000407	.0001606	.000275	.003010
%RSD	160.6900	116.4534	113.1978	81.80098	244.0343	20.46820	19.22297
#1	.0001045	-.000016	.0045426	-.000028	-.000115	-.001061	-.014915
#2	-.000013	.000108	.0056019	-.000745	.000120	-.001610	-.018972
#3	.000022	.000073	-.000900	-.000721	.000192	-.001360	-.013091

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000138	.0009428	.0001518	.0006012	.1399425	.0001235	-.004699
Stddev	.000028	.0086001	.0003291	.0001058	.0055143	.0010958	.000221
%RSD	20.41846	912.2069	216.8220	17.58985	3.940374	887.2303	4.706234
#1	-.000170	.0009596	.0004042	.0005115	.1345392	-.000267	-.004912
#2	-.000120	-.007666	-.000220	.0007178	.1397270	-.000724	-.004470
#3	-.000123	.009534	.000272	.0005744	.1455614	.001361	-.004715

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0438646	-.003414	.0002113	.0019649	.0006877	-.008251	-.001762
Stddev	.0144799	.000271	.0001243	.0010320	.0002987	.004824	.001687
%RSD	33.01047	7.934966	58.84998	52.51982	43.43836	58.46474	95.77873
#1	.0549271	-.003313	.0003155	.0017098	.0005379	-.003866	-.003474
#2	.0491909	-.003721	.0002446	.0010844	.0004935	-.007468	-.001710
#3	.0274760	-.003209	.0000737	.0031005	.0010317	-.013418	-.000101

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB06 Acquired: 10/28/2024 17:54:23 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB06 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001636	.0014694	.0000227
Stddev	.001730	.0003688	.0000209
%RSD	105.7398	25.10027	92.23420
#1	.000269	.0018084	.0000141
#2	-.002068	.0010767	.0000075
#3	-.003110	.0015232	.0000466

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2934.799	63283.29	14062.29	2049.199	4953.941
Stddev	3.532	31.72	57.15	4.734	2.754
%RSD	.1203569	.0501308	.4064299	.2310375	.0556019
#1	2933.804	63279.38	14008.33	2046.962	4952.072
#2	2931.870	63253.70	14056.36	2054.637	4952.647
#3	2938.722	63316.78	14122.18	2045.997	4957.104

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-12 Acquired: 10/28/2024 17:58:43 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006400	-.010105	.0057370	.0043688	.0003170	.1298818	.1101494
Stddev	.001371	.000656	.0004267	.0021141	.0004336	.0024853	.0007009
%RSD	21.42352	6.496674	7.437694	48.39136	136.7713	1.913537	.6363436
#1	-.007979	-.009827	.0057842	.0022178	-.000143	.1322938	.1103851
#2	-.005709	-.010854	.0052887	.0044446	.000377	.1273291	.1107020
#3	-.005512	-.009633	.0061382	.0064440	.000718	.1300223	.1093610

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005336	.0002423	6.054103	.0108740	.0197687	.0083688	.9251509
Stddev	.0000370	.0000341	.040467	.0002469	.0000442	.0002211	.0073578
%RSD	6.943061	14.08032	.6684219	2.270948	.2233802	2.641515	.7953070
#1	.0005338	.0002293	6.007383	.0106038	.0197470	.0085444	.9179452
#2	.0004965	.0002810	6.076710	.0110879	.0197396	.0081206	.9326519
#3	.0005706	.0002166	6.078214	.0109303	.0198195	.0084416	.9248557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.593359	.4783057	.0114598	.0005932	345.4545	.0000698	.0713474
Stddev	.010667	.0044260	.0001857	.0002600	1.6898	.0010444	.0002408
%RSD	.6694857	.9253491	1.620648	43.83695	.4891645	1496.984	.3375355
#1	1.585028	.4731967	.0116200	.0008632	344.0309	.0007298	.0715368
#2	1.605382	.4807452	.0112562	.0003444	345.0108	-.001134	.0714290
#3	1.589667	.4809751	.0115033	.0005719	347.3220	.000614	.0710764

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9141684	.0012272	.0003922	-.001020	.0022241	.5284046	-.000532
Stddev	.0116785	.0003203	.0001124	.000296	.0005843	.0084417	.001188
%RSD	1.277498	26.09785	28.66941	29.04335	26.27071	1.597591	223.3492
#1	.9006855	.0011947	.0003073	-.000751	.0016971	.5187004	.000676
#2	.9211221	.0009244	.0003496	-.001338	.0021228	.5324601	-.000574
#3	.9206976	.0015625	.0005197	-.000972	.0028525	.5340532	-.001699

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-12 Acquired: 10/28/2024 17:58:43 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1774611	-.000354	.0497213
Stddev	.0012094	.000714	.0001817
%RSD	.6815090	201.6916	.3653589
#1	.1772450	.000354	.0496826
#2	.1763744	-.000343	.0499192
#3	.1787640	-.001073	.0495621

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2604.804	55890.35	13905.41	1791.943	4088.818
Stddev	5.342	106.92	55.76	2.217	5.518
%RSD	.2050852	.1913084	.4010304	.1236989	.1349649
#1	2606.355	55996.29	13913.78	1791.353	4089.941
#2	2609.198	55782.47	13845.94	1794.395	4093.689
#3	2598.858	55892.31	13956.53	1790.081	4082.824

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-03 Acquired: 10/28/2024 18:03:11 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009969	-.010216	-.000615	.0036078	.0006898	.3044889	.0537283
Stddev	.001327	.000555	.000993	.0015522	.0014773	.0021966	.0004294
%RSD	13.31383	5.431023	161.3962	43.02380	214.1591	.7214125	.7991300
#1	-.010456	-.009771	-.001630	.0052366	.0011017	.3045270	.0535346
#2	-.010984	-.010837	-.000572	.0021455	.0019175	.3022734	.0534299
#3	-.008467	-.010039	.000355	.0034415	-.000950	.3066662	.0542204

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000124	-.000089	3.069794	.0035084	-.000034	.0056901	.3719103
Stddev	.000011	.000047	.011929	.0002569	.000139	.0001343	.0044633
%RSD	9.092720	52.62732	.3885961	7.322621	405.0351	2.359591	1.200109
#1	-.000114	-.000137	3.061252	.0033298	.000105	.0058431	.3674213
#2	-.000122	-.000088	3.064706	.0033926	-.000173	.0055921	.3763475
#3	-.000136	-.000043	3.083423	.0038028	-.000035	.0056349	.3719620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0272554	.1338775	.0018774	.0003209	419.7932	.0007472	.0567120
Stddev	.0000750	.0071051	.0002107	.0002752	.5568	.0006626	.0002655
%RSD	.2752074	5.307139	11.22027	85.75412	.1326468	88.68205	.4681027
#1	.0271757	.1371709	.0019056	.0005761	420.4360	.0010961	.0564636
#2	.0272661	.1257233	.0020725	.0000294	419.4600	.0011625	.0566805
#3	.0273246	.1387382	.0016540	.0003571	419.4835	-.000017	.0569918

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.097068	-.000091	.0004834	-.000380	.0029905	.7807070	.0861764
Stddev	.011763	.000441	.0001627	.001008	.0000274	.0043668	.0005392
%RSD	1.072217	484.0506	33.65068	265.5564	.9153731	.5593397	.6257400
#1	1.101093	-.000327	.0004756	-.000895	.0029790	.7857419	.0858239
#2	1.106290	-.000363	.0006499	.000782	.0030218	.7784261	.0859082
#3	1.083821	.000417	.0003248	-.001026	.0029708	.7779529	.0867972

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-03 Acquired: 10/28/2024 18:03:11 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1805331	-.001011	.0061637
Stddev	.0019931	.000954	.0000285
%RSD	1.104000	94.35874	.4623963
#1	.1825072	-.001654	.0061309
#2	.1785215	-.001465	.0061823
#3	.1805705	.000085	.0061779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2626.058	55493.75	13755.06	1806.472	4083.269
Stddev	11.527	45.52	44.21	3.290	11.124
%RSD	.4389324	.0820248	.3214044	.1821153	.2724302
#1	2617.073	55490.13	13767.48	1802.673	4073.237
#2	2622.048	55450.15	13791.72	1808.373	4081.338
#3	2639.055	55540.98	13705.96	1808.370	4095.232

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-06 Acquired: 10/28/2024 18:07:39 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010227	-.011703	.0071020	.0048862	.0002926	.2535200	.0626508
Stddev	.001052	.000576	.0005048	.0009461	.0008968	.0051737	.0000857
%RSD	10.28740	4.919989	7.108380	19.36249	306.4661	2.040752	.1367549
#1	-.009940	-.012170	.0065942	.0047619	.0013116	.2481637	.0626685
#2	-.011394	-.011060	.0071081	.0040084	-.000057	.2584894	.0625576
#3	-.009349	-.011878	.0076038	.0058883	-.000376	.2539069	.0627261

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000095	.0000325	4.862165	.0018424	.0005953	.0638485	.5038700
Stddev	.000008	.0001019	.010899	.0003418	.0001264	.0001854	.0032803
%RSD	8.931931	313.8990	.2241606	18.55011	21.23487	.2904189	.6510176
#1	-.000089	.0001461	4.850269	.0021796	.0005622	.0640515	.5004346
#2	-.000104	.0000020	4.864554	.0014962	.0007350	.0636879	.5069694
#3	-.000090	-.000051	4.871671	.0018515	.0004888	.0638062	.5042059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409046	.3786112	.0040891	.0003267	418.9276	-.000367	.1597949
Stddev	.0001032	.0080751	.0000581	.0000129	3.6531	.001568	.0009453
%RSD	.2522424	2.132816	1.420402	3.945149	.8720014	426.9085	.5915529
#1	.0410228	.3748448	.0041363	.0003316	414.7441	-.002131	.1587803
#2	.0408325	.3731075	.0041068	.0003364	420.5519	.000869	.1606508
#3	.0408585	.3878814	.0040242	.0003121	421.4868	.000160	.1599536

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.269658	-.000274	.0002773	-.001188	.0032074	.6475083	.0104116
Stddev	.033411	.000509	.0001525	.000190	.0002269	.0051197	.0013790
%RSD	2.631457	185.4403	54.99388	15.99446	7.072794	.7906754	13.24535
#1	1.258771	-.000693	.0004203	-.001032	.0034316	.6422296	.0113745
#2	1.307154	-.000422	.0002949	-.001131	.0029780	.6524526	.0110285
#3	1.243048	.000292	.0001168	-.001399	.0032127	.6478426	.0088318

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-06 Acquired: 10/28/2024 18:07:39 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1879022	.0013328	.0098353
Stddev	.0035608	.0016450	.0000193
%RSD	1.895000	123.4278	.1963930
#1	.1907397	-.000487	.0098575
#2	.1890604	.001770	.0098223
#3	.1839066	.002715	.0098262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2630.955	57279.09	13626.68	1863.094	4078.603
Stddev	3.889	210.55	28.37	9.097	8.519
%RSD	.1478244	.3675940	.2081805	.4882516	.2088656
#1	2626.930	57446.51	13598.81	1863.147	4068.772
#2	2634.693	57042.70	13625.72	1853.971	4083.233
#3	2631.241	57348.06	13655.52	1872.163	4083.805

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-08 Acquired: 10/28/2024 18:12:06 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011404	-.011865	-.000783	.0032999	.0007704	.2777401	.1369112
Stddev	.002183	.001009	.001061	.0009161	.0004557	.0012797	.0008467
%RSD	19.13851	8.500921	135.5451	27.76101	59.15455	.4607685	.6184225
#1	-.012924	-.010737	.000271	.0029007	.0012634	.2789501	.1377850
#2	-.008903	-.012682	-.000769	.0043479	.0003645	.2778695	.1368541
#3	-.012385	-.012175	-.001850	.0026512	.0006834	.2764005	.1360946

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000153	-.000185	145.8838	.0218028	-.000474	.0009628	.0615092
Stddev	.000033	.000074	.0817	.0004459	.000141	.0003741	.0000822
%RSD	21.25548	40.10745	.0560051	2.045182	29.86383	38.85590	.1337030
#1	-.000184	-.000260	145.9291	.0213469	-.000470	.0005749	.0615441
#2	-.000119	-.000111	145.7894	.0218237	-.000334	.0013213	.0615682
#3	-.000155	-.000185	145.9328	.0222380	-.000617	.0009922	.0614152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015329	.0316442	.0043757	.0004387	412.5973	.0003415	.0154449
Stddev	.0001186	.0030949	.0000911	.0002994	1.8145	.0025086	.0002427
%RSD	7.735255	9.780423	2.081385	68.24772	.4397688	734.6654	1.571635
#1	.0016534	.0294386	.0044762	.0002306	414.5887	.0027410	.0151870
#2	.0014164	.0303119	.0042987	.0003036	411.0377	.0005471	.0154786
#3	.0015288	.0351822	.0043521	.0007818	412.1653	-.002264	.0156690

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.825788	.0147727	.0026661	-.003977	-.002803	1.116450	-.001500
Stddev	.033751	.0003025	.0001786	.000995	.000504	.003497	.002217
%RSD	.5793357	2.047407	6.699884	25.01925	17.97980	.3132621	147.7553
#1	5.786850	.0151167	.0028500	-.004020	-.003382	1.112412	-.001909
#2	5.843856	.0145485	.0026551	-.004951	-.002562	1.118516	.000892
#3	5.846659	.0146530	.0024932	-.002962	-.002464	1.118423	-.003485

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-08 Acquired: 10/28/2024 18:12:06 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.125352	.0353819	1.515066
Stddev	.009254	.0017655	.006745
%RSD	.2243206	4.989832	.4451774
#1	4.135791	.0334200	1.521752
#2	4.118156	.0358831	1.508264
#3	4.122109	.0368427	1.515181

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.523	55911.13	13490.16	1776.098	3867.616
Stddev	.821	40.92	35.16	5.373	2.653
%RSD	.0327662	.0731839	.2606116	.3024899	.0685939
#1	2505.931	55957.60	13449.63	1778.803	3864.562
#2	2506.176	55895.28	13508.50	1779.580	3868.936
#3	2507.461	55880.51	13512.37	1769.910	3869.350

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-10 Acquired: 10/28/2024 18:16:40 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008067	-.011110	-.000533	.0041286	.0005153	.2380120	.2161761
Stddev	.002276	.001377	.001126	.0021539	.0016062	.0003123	.0008214
%RSD	28.21135	12.39779	211.3777	52.17123	311.6982	.1312180	.3799477
#1	-.007802	-.012359	.000747	.0056007	-.000488	.2377316	.2153591
#2	-.010464	-.009633	-.001371	.0051285	-.000334	.2383486	.2161675
#3	-.005935	-.011338	-.000974	.0016564	.002368	.2379557	.2170017

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000190	-.000157	176.4753	.2421210	-.000675	.0011583	.0395638
Stddev	.000047	.000058	.4051	.0012382	.000061	.0001877	.0016224
%RSD	24.56779	37.27897	.2295468	.5114072	9.085568	16.20203	4.100765
#1	-.000158	-.000177	176.0577	.2419453	-.000746	.0011438	.0377340
#2	-.000243	-.000091	176.5015	.2409800	-.000648	.0013529	.0401305
#3	-.000168	-.000202	176.8666	.2434377	-.000633	.0009784	.0408268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014289	.0143490	.0028015	.0001886	438.6709	.0000667	.0208183
Stddev	.0000617	.0069302	.0001477	.0001147	6.1387	.0007734	.0002472
%RSD	4.319199	48.29792	5.272662	60.79843	1.399380	1160.327	1.187346
#1	.0014135	.0092468	.0029164	.0003147	436.7330	-.000792	.0209284
#2	.0013764	.0115611	.0028531	.0000905	433.7351	.000282	.0205352
#3	.0014969	.0222390	.0026349	.0001607	445.5447	.000710	.0209914

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.071847	.0013067	.0452494	-.004589	-.003728	.4422206	.0049666
Stddev	.034720	.0001991	.0003163	.000587	.000178	.0027831	.0017415
%RSD	.6845586	15.23311	.6989806	12.79589	4.776260	.6293586	35.06514
#1	5.057328	.0011268	.0456116	-.004718	-.003647	.4435456	.0068228
#2	5.046743	.0015206	.0451094	-.005102	-.003604	.4440938	.0047084
#3	5.111469	.0012728	.0450274	-.003948	-.003932	.4390226	.0033686

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-10 Acquired: 10/28/2024 18:16:40 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.043619	.0466527	.2734655
Stddev	.002578	.0012511	.0009346
%RSD	.1261286	2.681676	.3417539
#1	2.045808	.0468744	.2725295
#2	2.040778	.0477781	.2734681
#3	2.044271	.0453056	.2743987

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.606	54443.58	13502.59	1713.350	3810.288
Stddev	.769	238.86	19.21	10.623	4.020
%RSD	.0312957	.4387372	.1422703	.6199864	.1055112
#1	2457.347	54535.35	13524.15	1720.260	3809.995
#2	2455.812	54622.95	13496.35	1718.673	3806.422
#3	2456.658	54172.44	13487.28	1701.119	3814.446

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-12 Acquired: 10/28/2024 18:21:07 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008539	-.012818	-.000486	.0035151	.0003051	.2505544	.1541632
Stddev	.001149	.000815	.000927	.0004629	.0007423	.0035605	.0000378
%RSD	13.45912	6.361911	190.5084	13.16940	243.3445	1.421029	.0245041
#1	-.008114	-.012015	-.001556	.0030184	-.000142	.2465733	.1542066
#2	-.009840	-.013645	.000086	.0035923	.001162	.2516563	.1541384
#3	-.007663	-.012795	.000010	.0039345	-.000105	.2534337	.1541445

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000131	-.000128	167.0361	.2285686	-.000468	.0011730	.0185232
Stddev	.000026	.000066	.5225	.0016600	.000083	.0003311	.0026183
%RSD	20.11365	51.94319	.3127773	.7262582	17.63241	28.22487	14.13540
#1	-.000116	-.000114	166.7598	.2266529	-.000507	.0014725	.0180332
#2	-.000116	-.000069	167.6387	.2295845	-.000525	.0008175	.0213519
#3	-.000162	-.000200	166.7098	.2294683	-.000374	.0012289	.0161845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016476	.0129237	.0027025	.0002464	435.9321	-.000008	.0145096
Stddev	.0001691	.0059987	.0001864	.0001416	7.3205	.000068	.0004365
%RSD	10.26662	46.41598	6.897586	57.45957	1.679275	837.3415	3.008643
#1	.0018155	.0081792	.0027972	.0002385	431.3832	-.000069	.0142786
#2	.0014772	.0196664	.0028224	.0003917	444.3766	-.000021	.0150131
#3	.0016501	.0109255	.0024877	.0001089	432.0364	.000066	.0142371

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.512313	.0014158	.0279713	-.003891	-.003389	.6339292	-.001076
Stddev	.018246	.0005058	.0003003	.000881	.000184	.0083985	.000404
%RSD	.3310094	35.72514	1.073519	22.63677	5.429568	1.324838	37.58550
#1	5.495151	.0015862	.0277852	-.003320	-.003216	.6270535	-.001284
#2	5.531478	.0018144	.0278111	-.004906	-.003369	.6432898	-.000610
#3	5.510310	.0008468	.0283177	-.003449	-.003582	.6314443	-.001333

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-12 Acquired: 10/28/2024 18:21:07 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.166576	.0433309	.2445421
Stddev	.008071	.0008735	.0007195
%RSD	.2548957	2.016007	.2942417
#1	3.157859	.0429542	.2453178
#2	3.168076	.0427089	.2444119
#3	3.173792	.0443296	.2438965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2479.672	55204.91	13448.37	1738.646	3820.266
Stddev	1.365	360.89	46.61	18.400	7.885
%RSD	.0550298	.6537226	.3465984	1.058322	.2063879
#1	2478.102	55591.44	13416.73	1757.385	3812.667
#2	2480.340	54876.79	13426.47	1720.604	3819.722
#3	2480.574	55146.50	13501.89	1737.949	3828.408

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-06 Acquired: 10/28/2024 18:25:33 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006680	-.011514	.0015272	.0020295	.0005479	.1490639	.1115036
Stddev	.001474	.001158	.0010910	.0010359	.0005710	.0025978	.0003633
%RSD	22.05972	10.05526	71.43765	51.04230	104.2168	1.742752	.3258444
#1	-.005118	-.010755	.0020092	.0008334	.0009028	.1461632	.1118252
#2	-.006878	-.010940	.0002782	.0026245	-.000111	.1498522	.1115761
#3	-.008045	-.012847	.0022941	.0026308	.000852	.1511762	.1111095

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001497	.0003350	23.07128	.0034397	.0029356	.0002508	11.21434
Stddev	.0000228	.0000142	.07909	.0003996	.0000679	.0002960	.02660
%RSD	15.25791	4.237090	.3428230	11.61772	2.314501	118.0472	.2372167
#1	.0001344	.0003344	22.97996	.0037357	.0029195	-.000087	11.22867
#2	.0001760	.0003211	23.11587	.0035982	.0030101	.000372	11.23070
#3	.0001388	.0003495	23.11801	.0029851	.0028771	.000467	11.18364

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5338473	6.437029	.0075513	.0009955	348.3102	.0012115	.0414491
Stddev	.0003956	.020038	.0002064	.0001166	1.4653	.0005214	.0004600
%RSD	.0740952	.3112932	2.733427	11.70954	.4206996	43.03567	1.109759
#1	.5334207	6.415511	.0077893	.0008956	349.2852	.0006361	.0418986
#2	.5339194	6.440422	.0074437	.0011236	349.0204	.0016526	.0409793
#3	.5342019	6.455153	.0074209	.0009675	346.6251	.0013459	.0414695

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.942451	.0204912	.0002592	-.002206	.0057539	.6756077	.0774126
Stddev	.034734	.0008129	.0005103	.000856	.0000236	.0068350	.0024926
%RSD	1.180436	3.966822	196.8449	38.78449	.4109118	1.011683	3.219942
#1	2.981840	.0209180	-.000243	-.003166	.0057344	.6757920	.0763825
#2	2.929304	.0195538	.000244	-.001926	.0057471	.6823487	.0802551
#3	2.916211	.0210017	.000777	-.001525	.0057802	.6686824	.0756001

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-06 Acquired: 10/28/2024 18:25:33 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4550221	.0052303	.0635105
Stddev	.0042350	.0003169	.0002239
%RSD	.9307262	6.059273	.3525970
#1	.4502137	.0049274	.0637690
#2	.4566551	.0052040	.0633814
#3	.4581975	.0055595	.0633810

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2643.816	58184.51	13750.43	1858.802	4090.787
Stddev	13.335	111.88	27.45	11.237	17.007
%RSD	.5043988	.1922790	.1996007	.6045276	.4157455
#1	2633.897	58069.32	13780.40	1846.210	4076.830
#2	2638.576	58191.45	13744.39	1867.809	4085.802
#3	2658.976	58292.75	13726.51	1862.388	4109.730

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08 Acquired: 10/28/2024 18:29:59 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007133	-.008906	.0007122	.0031834	.0006208	.1022364	.0983674
Stddev	.001515	.001675	.0008389	.0023077	.0002282	.0021387	.0010526
%RSD	21.23697	18.80220	117.8031	72.49082	36.75548	2.091958	1.070045
#1	-.005844	-.010013	.0014072	.0018075	.0004452	.1043736	.0978001
#2	-.008802	-.009726	-.000220	.0018952	.0008788	.1000961	.0977201
#3	-.006754	-.006980	.000949	.0058476	.0005385	.1022393	.0995819

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000287	.0002166	40.68292	.0084790	.0031134	-.000111	7.747165
Stddev	.0000324	.0000485	.12660	.0006227	.0002017	.000183	.021531
%RSD	113.0446	22.41173	.3111971	7.344564	6.478898	164.7985	.2779233
#1	.0000576	.0002702	40.54896	.0080619	.0029082	-.000158	7.734532
#2	-.000006	.0002037	40.69918	.0081802	.0031204	.000091	7.772026
#3	.000035	.0001758	40.80060	.0091948	.0033115	-.000266	7.734936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.084863	8.666474	.0151629	.0006117	401.3158	.0014888	.0309270
Stddev	.005550	.025768	.0001350	.0001460	4.1074	.0010362	.0004170
%RSD	.5115911	.2973307	.8906099	23.86680	1.023490	69.59927	1.348375
#1	1.079571	8.639090	.0153142	.0006407	404.0589	.0003612	.0304544
#2	1.084379	8.670085	.0151196	.0007409	403.2950	.0017060	.0312431
#3	1.090640	8.690246	.0150548	.0004533	396.5935	.0023992	.0310835

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.511403	.0176477	.0008094	-.002971	.0038142	.4802282	.0065496
Stddev	.021688	.0002730	.0001479	.000518	.0000624	.0036620	.0013144
%RSD	.8635923	1.547150	18.27932	17.43941	1.636407	.7625516	20.06842
#1	2.536254	.0173411	.0009066	-.002781	.0037423	.4843697	.0075410
#2	2.496295	.0178645	.0006391	-.002575	.0038456	.4774183	.0050587
#3	2.501660	.0177376	.0008825	-.003557	.0038548	.4788968	.0070492

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08 Acquired: 10/28/2024 18:29:59 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6856837	.0087720	.0633031
Stddev	.0023894	.0012541	.0006326
%RSD	.3484737	14.29639	.9993038
#1	.6831672	.0084087	.0633001
#2	.6879216	.0077396	.0626721
#3	.6859624	.0101676	.0639373

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2630.603	56822.79	13653.40	1844.466	4029.644
Stddev	2.489	246.45	10.39	10.391	5.148
%RSD	.0946336	.4337111	.0760617	.5633658	.1277427
#1	2633.477	56711.30	13664.23	1849.885	4023.797
#2	2629.124	56651.78	13652.45	1832.486	4031.646
#3	2629.207	57105.28	13643.53	1851.027	4033.490

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08DUP Acquired: 10/28/2024 18:34:26 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009225	-.009612	-.000090	.0039667	.0020093	.1017606	.0944435
Stddev	.000213	.000731	.001066	.0025414	.0005609	.0017294	.0020801
%RSD	2.313343	7.609332	1178.459	64.06843	27.91460	1.699495	2.202513
#1	-.009427	-.008770	.000746	.0062572	.0015361	.1026030	.0953152
#2	-.009245	-.010092	-.001291	.0012327	.0026288	.1029075	.0959460
#3	-.009002	-.009974	.000273	.0044102	.0018628	.0997714	.0920694

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000797	.0002782	39.07440	.0083465	.0031680	.0002526	7.522789
Stddev	.0000452	.0000348	.72761	.0007750	.0002263	.0000802	.017892
%RSD	56.68503	12.51519	1.862108	9.284980	7.142118	31.72963	.2378438
#1	.0001043	.0002457	39.31190	.0088675	.0033324	.0001798	7.514232
#2	.0001072	.0002738	39.65357	.0074560	.0029100	.0003385	7.510782
#3	.0000275	.0003149	38.25771	.0087162	.0032617	.0002396	7.543353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.039601	8.335222	.0152907	.0009545	392.2814	-.000121	.0305935
Stddev	.021772	.143184	.0004306	.0000764	3.3704	.000611	.0006695
%RSD	2.094291	1.717818	2.816035	8.007608	.8591875	503.6059	2.188356
#1	1.051143	8.371238	.0151795	.0009435	388.7111	-.000703	.0298448
#2	1.053172	8.456959	.0149266	.0010358	392.7249	-.000175	.0308012
#3	1.014488	8.177468	.0157660	.0008841	395.4081	.000515	.0311346

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.486012	.0160975	.0006503	-.002568	.0037180	.4671820	.0092389
Stddev	.022489	.0001738	.0002537	.000693	.0000203	.0052989	.0022537
%RSD	.9046268	1.079939	39.01888	26.99826	.5456968	1.134230	24.39405
#1	2.480485	.0162178	.0007518	-.003195	.0037015	.4654990	.0069726
#2	2.466802	.0161765	.0003615	-.001824	.0037120	.4731180	.0114798
#3	2.510749	.0158981	.0008375	-.002686	.0037407	.4629289	.0092643

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08DUP Acquired: 10/28/2024 18:34:26 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6900226	.0080483	.0614610
Stddev	.0148509	.0015848	.0014095
%RSD	2.152239	19.69170	2.293276
#1	.6792040	.0086873	.0624434
#2	.6839095	.0062437	.0620935
#3	.7069544	.0092138	.0598461

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2587.599	57913.60	14137.01	1836.941	3978.351
Stddev	36.544	397.65	227.09	19.083	61.968
%RSD	1.412271	.6866334	1.606374	1.038824	1.557636
#1	2603.936	58097.80	14010.64	1835.503	4011.366
#2	2613.125	58185.77	14001.22	1856.703	4016.821
#3	2545.737	57457.25	14399.18	1818.619	3906.865

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08LX5 Acquired: 10/28/2024 18:38:51 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002241	-.004266	-.000274	-.000980	.0003225	.0242422	.0167211
Stddev	.002032	.000119	.000831	.000507	.0001137	.0031347	.0000732
%RSD	90.65610	2.780022	303.4719	51.70653	35.24729	12.93088	.4378976
#1	-.002175	-.004393	.000330	-.001184	.0001945	.0238058	.0166700
#2	-.004306	-.004158	.000071	-.001352	.0003612	.0275723	.0168050
#3	-.000243	-.004248	-.001222	-.000403	.0004118	.0213486	.0166884

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000557	-.000013	8.659594	.0009928	.0007632	-.001142	1.605255
Stddev	.0000378	.000066	.038297	.0003300	.0000758	.000200	.006027
%RSD	67.95630	511.8144	.4422465	33.24276	9.927037	17.51142	.3754511
#1	.0000196	.000031	8.631026	.0006137	.0006757	-.001311	1.598324
#2	.0000523	-.000089	8.703110	.0011486	.0008057	-.000921	1.608183
#3	.0000951	.000020	8.644645	.0012161	.0008081	-.001193	1.609259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2291028	1.848556	.0033522	.0005256	81.89952	-.000366	.0030085
Stddev	.0006128	.006058	.0001968	.0001616	.64784	.000336	.0001057
%RSD	.2674829	.3276920	5.869590	30.74603	.7910162	91.70182	3.514191
#1	.2284702	1.845337	.0032698	.0007086	82.62840	.000012	.0030345
#2	.2291446	1.844788	.0032100	.0004654	81.68086	-.000480	.0028922
#3	.2296937	1.855544	.0035768	.0004027	81.38931	-.000631	.0030988

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6207373	-.001634	-.000052	.0001931	.0013140	.0884641	.0005519
Stddev	.0122193	.000075	.000151	.0002693	.0004640	.0045772	.0016132
%RSD	1.968519	4.616828	290.3455	139.4827	35.30895	5.174135	292.3159
#1	.6307585	-.001640	-.000202	.0004521	.0013448	.0831833	.0016213
#2	.6243287	-.001706	-.000055	-.000086	.0017618	.0912943	.0013380
#3	.6071248	-.001555	.000101	.000213	.0008354	.0909148	-.001304

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08LX5 Acquired: 10/28/2024 18:38:51 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1455004	.0025076	.0134935
Stddev	.0016226	.0013503	.0000711
%RSD	1.115166	53.84729	.5267364
#1	.1471948	.0018819	.0135516
#2	.1439608	.0015837	.0135145
#3	.1453455	.0040573	.0134143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2734.169	57836.04	13769.79	1864.415	4347.783
Stddev	8.190	55.42	17.19	6.236	8.047
%RSD	.2995504	.0958273	.1248424	.3344897	.1850793
#1	2728.851	57793.30	13765.72	1862.218	4344.740
#2	2730.056	57898.66	13755.00	1871.452	4341.701
#3	2743.601	57816.16	13788.65	1859.574	4356.907

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV07 Acquired: 10/28/2024 18:43:11 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.110048	5.498158	4.967732	5.272882	5.207106	9.962837	9.750608
Stddev	.012484	.130206	.002439	.024180	.007071	.019881	.066580
%RSD	.2442931	2.368182	.0490904	.4585806	.1357878	.1995517	.6828287
#1	5.104728	5.348170	4.970274	5.248266	5.204469	9.985730	9.793203
#2	5.101106	5.564121	4.967512	5.273779	5.201732	9.949906	9.673884
#3	5.124311	5.582181	4.965411	5.296601	5.215116	9.952875	9.784738

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2428394	2.484778	23.99946	.9655129	2.487946	1.290863	4.816129
Stddev	.0005681	.002906	.01454	.0022700	.001882	.000524	.005933
%RSD	.2339280	.1169700	.0605726	.2351044	.0756639	.0405558	.1231957
#1	.2434237	2.485398	24.01621	.9652112	2.487632	1.290468	4.822831
#2	.2428056	2.487324	23.99023	.9634089	2.489966	1.290663	4.811545
#3	.2422891	2.481611	23.99192	.9679186	2.486240	1.291457	4.814012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.320652	23.81763	2.490337	1.263754	24.19746	2.422666	2.573593
Stddev	.006818	.05111	.001094	.001202	.10883	.001776	.012255
%RSD	.2937768	.2145718	.0439191	.0951224	.4497466	.0733094	.4761744
#1	2.328451	23.77173	2.490453	1.263062	24.32237	2.424666	2.559466
#2	2.315825	23.80846	2.491368	1.265142	24.14697	2.422056	2.579951
#3	2.317680	23.87270	2.489190	1.263057	24.12306	2.421275	2.581362

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.56394	4.831421	5.311723	4.984293	4.779163	5.095038	5.256582
Stddev	.05387	.013298	.015675	.007683	.008152	.038117	.030741
%RSD	.2107368	.2752315	.2951038	.1541539	.1705780	.7481174	.5848185
#1	25.62453	4.842182	5.296526	4.976623	4.788577	5.059976	5.226650
#2	25.52143	4.835525	5.310805	4.991990	4.774454	5.089528	5.255022
#3	25.54587	4.816554	5.327836	4.984266	4.774459	5.135610	5.288073

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV07 Acquired: 10/28/2024 18:43:11 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.906313	4.755987	4.940873
Stddev	.027241	.038058	.021879
%RSD	.5552213	.8002085	.4428076
#1	4.874989	4.799500	4.941209
#2	4.924453	4.739555	4.962582
#3	4.919498	4.728905	4.918829

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2777.825	61780.39	13068.31	1965.503	4303.147
Stddev	5.530	93.96	30.50	8.201	9.938
%RSD	.1990614	.1520828	.2333622	.4172700	.2309398
#1	2783.706	61700.66	13033.32	1974.756	4314.066
#2	2777.038	61883.97	13082.38	1959.130	4294.633
#3	2772.731	61756.54	13089.23	1962.622	4300.742

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB07 Acquired: 10/28/2024 18:47:22 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001443	-.002000	-.000391	-.000415	.0003517	.0067968	-.002876
Stddev	.001960	.000919	.001203	.002330	.0004356	.0026913	.000449
%RSD	135.7717	45.94767	307.9870	562.0180	123.8847	39.59659	15.60458
#1	-.001437	-.001791	-.001582	-.002657	.0005836	.0052160	-.002903
#2	.000513	-.001204	.000824	-.000582	.0006222	.0052701	-.003310
#3	-.003406	-.003006	-.000414	.001995	-.000151	.0099043	-.002414

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000514	.0000689	.0015805	-.000164	.0000840	-.000961	-.014468
Stddev	.0000613	.0000660	.0050222	.000536	.0000882	.000131	.001896
%RSD	119.2963	95.73204	317.7693	327.1709	104.9627	13.65239	13.10779
#1	.0001222	-.000006	.0039544	-.000776	.0000828	-.001028	-.015244
#2	.0000136	.000097	.0049756	.000058	.0001729	-.000810	-.015853
#3	.0000184	.000116	-.004189	.000226	-.000004	-.001046	-.012306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000308	.0006493	.0000736	.0005115	.1392138	-.000275	-.004671
Stddev	.000120	.0108535	.0001660	.0001995	.0079537	.000212	.000211
%RSD	39.06966	1671.624	225.5236	38.99842	5.713316	77.22158	4.511112
#1	-.000327	.0127105	-.000108	.0006512	.1300454	-.000066	-.004857
#2	-.000419	-.008330	.000218	.0002831	.1442644	-.000490	-.004715
#3	-.000180	-.002433	.000111	.0006002	.1433315	-.000268	-.004442

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284926	-.003408	.0001223	.0023761	.0004177	-.009793	-.002032
Stddev	.0121468	.000190	.0001224	.0004748	.0001873	.000904	.003185
%RSD	42.63158	5.563083	100.0661	19.98310	44.83077	9.233540	156.7075
#1	.0383169	-.003226	.0001633	.0027177	.0005366	-.009165	-.005596
#2	.0322499	-.003393	-.000015	.0025768	.0005147	-.009386	.000535
#3	.0149111	-.003605	.000219	.0018339	.0002019	-.010830	-.001036

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB07 Acquired: 10/28/2024 18:47:22 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB07 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001869	.0001487	.0000222
Stddev	.0015360	.0015558	.0000240
%RSD	821.8669	1046.112	108.1309
#1	-.001018	.0018463	.0000105
#2	.001917	-.001209	.0000498
#3	-.000338	-.000191	.0000063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2925.893	63685.96	13852.69	2073.188	4869.231
Stddev	6.864	64.81	15.84	5.576	12.448
%RSD	.2345860	.1017697	.1143557	.2689434	.2556477
#1	2918.171	63680.00	13834.76	2076.554	4855.765
#2	2931.300	63624.33	13858.48	2066.752	4871.610
#3	2928.206	63753.54	13864.81	2076.257	4880.317

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08MS Acquired: 10/28/2024 18:51:43 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7343739	1.706882	.8287305	1.875261	.7893795	1.901645	.2660118
Stddev	.0045199	.041645	.0009772	.003045	.0019698	.008381	.0014350
%RSD	.6154786	2.439811	.1179142	.1623654	.2495394	.4407373	.5394420
#1	.7361013	1.754686	.8296098	1.871785	.7896882	1.894505	.2643562
#2	.7292450	1.687486	.8289030	1.876538	.7872736	1.899558	.2667811
#3	.7377754	1.678472	.8276785	1.877458	.7911767	1.910873	.2668981

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1684493	.1748036	39.86906	.3828081	.1894809	.2786932	10.27771
Stddev	.0010514	.0002083	.23234	.0026210	.0003085	.0003365	.13478
%RSD	.6241655	.1191518	.5827682	.6846679	.1628188	.1207361	1.311376
#1	.1674019	.1749447	39.60286	.3841819	.1893947	.2784378	10.33175
#2	.1684413	.1745644	39.97327	.3844567	.1892246	.2785672	10.37708
#3	.1695047	.1749018	40.03106	.3797859	.1898233	.2790745	10.12430

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.204984	9.961787	.4765742	.0745060	382.3740	.2645455	.2341540
Stddev	.006579	.063333	.0009942	.0009172	5.5094	.0011517	.0022966
%RSD	.5460140	.6357622	.2086080	1.231110	1.440838	.4353521	.9807935
#1	1.197451	9.890759	.4762193	.0745362	388.4048	.2634236	.2346611
#2	1.209607	9.982223	.4758061	.0754078	381.1123	.2657248	.2361546
#3	1.207894	10.01238	.4776971	.0735741	377.6049	.2644880	.2316462

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.71226	.2415627	.4258138	.6420153	.1786315	1.207657	6.045888
Stddev	.14248	.0014859	.0006619	.0013439	.0014479	.017742	.027152
%RSD	1.120783	.6151325	.1554429	.2093258	.8105599	1.469158	.4490986
#1	12.73758	.2399187	.4257401	.6404635	.1770662	1.197257	6.072244
#2	12.84038	.2419593	.4251919	.6427873	.1789053	1.228143	6.047416
#3	12.55882	.2428101	.4265095	.6427951	.1799229	1.197570	6.018005

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08MS Acquired: 10/28/2024 18:51:43 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6508739	.1692791	.2374341
Stddev	.0043645	.0009918	.0014406
%RSD	.6705557	.5858967	.6067166
#1	.6537726	.1681883	.2357769
#2	.6529947	.1701267	.2381385
#3	.6458543	.1695221	.2383868

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2575.672	57178.03	13554.09	1811.330	3955.371
Stddev	4.763	536.66	76.33	13.967	6.646
%RSD	.1849106	.9385782	.5631415	.7711031	.1680255
#1	2576.569	56986.87	13639.67	1810.031	3958.023
#2	2579.922	56763.13	13529.53	1798.058	3960.281
#3	2570.524	57784.10	13493.06	1825.902	3947.808

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08MSD Acquired: 10/28/2024 18:55:51 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7427332	1.731736	.8277816	1.901488	.7999420	1.911994	.2656915
Stddev	.0115008	.043703	.0116508	.028174	.0125236	.034927	.0041681
%RSD	1.548437	2.523649	1.407477	1.481678	1.565563	1.826720	1.568778
#1	.7301727	1.700269	.8162600	1.869783	.7871235	1.929429	.2680449
#2	.7527473	1.781635	.8395575	1.923655	.8121483	1.934770	.2681506
#3	.7452797	1.713303	.8275271	1.911025	.8005541	1.871782	.2608790

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1680241	.1748321	39.71791	.3846405	.1896113	.2799318	10.60679
Stddev	.0015659	.0022903	.51608	.0007344	.0026695	.0042445	.05743
%RSD	.9319380	1.309991	1.299376	.1909402	1.407888	1.516269	.5414279
#1	.1689831	.1723659	39.90691	.3838279	.1866638	.2756887	10.54119
#2	.1688722	.1768920	40.11284	.3848368	.1918663	.2841777	10.64794
#3	.1662172	.1752385	39.13396	.3852569	.1903039	.2799290	10.63126

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.197650	9.895943	.4767459	.0762809	397.9367	.2649706	.2398856
Stddev	.012844	.123956	.0059910	.0007325	2.6468	.0038104	.0015123
%RSD	1.072456	1.252592	1.256639	.9602696	.6651364	1.438042	.6304392
#1	1.205843	9.984556	.4702226	.0754516	395.0031	.2672897	.2382513
#2	1.204260	9.948981	.4820018	.0765516	398.6611	.2670492	.2401699
#3	1.182847	9.754293	.4780132	.0768396	400.1459	.2605730	.2412357

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.31710	.2410659	.4296731	.6428930	.1782044	1.252598	6.015794
Stddev	.02780	.0021622	.0067633	.0094060	.0031104	.014703	.090754
%RSD	.2087724	.8969342	1.574047	1.463070	1.745415	1.173770	1.508593
#1	13.29485	.2421228	.4224550	.6334555	.1794364	1.239599	5.921026
#2	13.34827	.2424962	.4358640	.6522671	.1805101	1.268555	6.101914
#3	13.30819	.2385785	.4307001	.6429565	.1746667	1.249641	6.024442

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08MSD Acquired: 10/28/2024 18:55:51 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6589322	.1692725	.2373333
Stddev	.0082298	.0022507	.0034400
%RSD	1.248965	1.329615	1.449421
#1	.6529386	.1686795	.2390474
#2	.6683155	.1717604	.2395795
#3	.6555424	.1673778	.2333731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2550.664	55056.58	13592.37	1763.498	3936.063
Stddev	34.581	224.72	135.72	10.084	47.727
%RSD	1.355769	.4081616	.9985212	.5718078	1.212569
#1	2586.648	55279.28	13508.40	1773.447	3987.144
#2	2517.681	55060.55	13519.77	1763.763	3892.606
#3	2547.663	54829.90	13748.95	1753.285	3928.440

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08A Acquired: 10/28/2024 18:59:59 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7361055	1.739778	.8279121	1.881499	.7917412	1.908799	.2639209
Stddev	.0011012	.040717	.0022810	.009559	.0036414	.024434	.0025853
%RSD	.1496036	2.340353	.2755160	.5080620	.4599275	1.280079	.9795905
#1	.7363526	1.786564	.8281631	1.882058	.7904539	1.881928	.2611303
#2	.7370622	1.720415	.8300573	1.890766	.7958515	1.914787	.2662346
#3	.7349017	1.712357	.8255160	1.871673	.7889183	1.929683	.2643978

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1676433	.1750382	39.64073	.3802917	.1895486	.2791689	10.35913
Stddev	.0014175	.0003986	.51085	.0005078	.0002428	.0013382	.07111
%RSD	.8455479	.2277116	1.288688	.1335297	.1280941	.4793410	.6864499
#1	.1661069	.1746431	39.05112	.3800876	.1894378	.2780945	10.27716
#2	.1689004	.1754401	39.95102	.3808698	.1893810	.2806679	10.40415
#3	.1679225	.1750312	39.92004	.3799178	.1898271	.2787444	10.39610

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.193640	9.889498	.4762923	.0750474	388.6833	.2639712	.2362076
Stddev	.013883	.157008	.0011048	.0001299	4.6150	.0041838	.0008901
%RSD	1.163050	1.587626	.2319473	.1730722	1.187336	1.584927	.3768471
#1	1.177727	9.708237	.4756959	.0748987	388.6095	.2591963	.2361070
#2	1.203272	9.983301	.4775671	.0751047	393.3347	.2669942	.2371437
#3	1.199920	9.976955	.4756139	.0751388	384.1056	.2657230	.2353720

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.97044	.2398608	.4272124	.6452713	.1783224	1.213680	6.071619
Stddev	.05078	.0029896	.0014519	.0012422	.0015582	.003300	.014667
%RSD	.3914832	1.246395	.3398516	.1925034	.8738008	.2719060	.2415583
#1	12.91569	.2365492	.4268533	.6439183	.1769878	1.210183	6.055785
#2	13.01599	.2423609	.4288101	.6463602	.1800347	1.216739	6.084739
#3	12.97963	.2406723	.4259736	.6455354	.1779446	1.214119	6.074332

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-08A Acquired: 10/28/2024 18:59:59 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6531677	.1689195	.2365028
Stddev	.0014982	.0018459	.0021432
%RSD	.2293726	1.092794	.9061863
#1	.6548868	.1667888	.2340331
#2	.6524764	.1699336	.2378737
#3	.6521400	.1700360	.2376016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.695	56283.67	13591.55	1781.907	3955.918
Stddev	15.847	52.23	103.40	4.225	15.735
%RSD	.6147612	.0927918	.7607727	.2370816	.3977696
#1	2579.683	56313.73	13707.88	1785.036	3959.978
#2	2560.948	56223.37	13510.09	1777.102	3938.551
#3	2592.454	56313.92	13556.68	1783.584	3969.226

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164393TB Acquired: 10/28/2024 19:04:07 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007557	-.009923	-.001421	.0046653	.0009209	.0142139
Stddev	.002461	.000735	.000247	.0012169	.0006441	.0055291
%RSD	32.57085	7.408349	17.36615	26.08316	69.94528	38.89939
#1	-.008524	-.009081	-.001585	.0037823	.0016534	.0114812
#2	-.009388	-.010252	-.001137	.0060533	.0004430	.0205772
#3	-.004759	-.010437	-.001541	.0041602	.0006663	.0105832

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004223	-.000190	-.000237	.0032611	.0090566	-.000098
Stddev	.000222	.000027	.000043	.0056038	.0002899	.000230
%RSD	5.248125	14.12309	18.28890	171.8400	3.201147	235.8803
#1	-.004472	-.000159	-.000213	.0060232	.0087579	.000151
#2	-.004047	-.000204	-.000211	.0069476	.0093369	-.000304
#3	-.004149	-.000206	-.000287	-.003188	.0090752	-.000139

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000614	.0294002	.0018254	.0055522	.0059413	.0004915
Stddev	.000131	.0006216	.0001108	.0070007	.0002576	.0001129
%RSD	21.30655	2.114404	6.070030	126.0872	4.335493	22.96630
#1	-.000463	.0290518	.0019531	.0046890	.0062337	.0006121
#2	-.000696	.0290309	.0017542	-.000977	.0058421	.0003884
#3	-.000683	.0301179	.0017690	.012944	.0057480	.0004741

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 356.1522	-.000933	-.002993	.0902563	-.006020	.0003906
Stddev	2.3269	.000618	.000345	.0243365	.000460	.0003994
%RSD	.6533501	66.26495	11.52209	26.96379	7.633551	102.2561
#1	358.8277	-.000239	-.002595	.0862911	-.006090	.0003487
#2	354.6004	-.001425	-.003204	.0681458	-.005530	.0000138
#3	355.0285	-.001135	-.003181	.1163319	-.006441	.0008094

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164393TB Acquired: 10/28/2024 19:04:07 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000439	.0005487	-.002012	-.004016	.0078647	-.000432
Stddev	.000513	.0004297	.003205	.000848	.0014905	.000796
%RSD	116.7209	78.31218	159.2833	21.12148	18.95173	184.3075
#1	-.000969	.0008333	-.004383	-.003038	.0069119	-.000034
#2	-.000405	.0000544	-.003287	-.004547	.0095824	-.001349
#3	.000055	.0007585	.001634	-.004463	.0070999	.000087

Elem	Sr4077
Units	ppm
Avg	-.000059
Stddev	.000021
%RSD	36.09390
#1	-.000062
#2	-.000079
#3	-.000037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2608.626	57271.76	13592.04	1851.654	4081.928
Stddev	7.057	117.58	94.17	12.801	11.089
%RSD	.2705391	.2053032	.6928406	.6913021	.2716606
#1	2613.717	57161.31	13699.24	1845.711	4089.395
#2	2611.590	57395.36	13554.17	1866.345	4087.203
#3	2600.570	57258.62	13522.69	1842.904	4069.187

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164453BL Acquired: 10/28/2024 19:08:35 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008761	-.002362	-.000836	-.001224	.0008910	.0083619	-.002850
Stddev	.0006743	.000471	.000459	.001530	.0005684	.0026696	.000161
%RSD	76.95922	19.94949	54.88041	124.9873	63.79823	31.92594	5.660988
#1	.0002608	-.002781	-.000656	-.002941	.0013592	.0054928	-.002882
#2	.0007707	-.001852	-.000494	-.000725	.0010552	.0107726	-.002675
#3	.0015969	-.002454	-.001358	-.000006	.0002585	.0088204	-.002993

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000143	.0000231	.0006789	-.000460	.0000791	-.001341	-.014377
Stddev	.0000103	.0000886	.0073628	.000082	.0001384	.000074	.001464
%RSD	72.20980	383.7254	1084.512	17.79783	174.9581	5.497951	10.18163
#1	.0000093	-.000056	-.005794	-.000548	.0001799	-.001261	-.012849
#2	.0000262	.000119	.008689	-.000443	.0001361	-.001407	-.015767
#3	.0000074	.000007	-.000858	-.000387	-.000079	-.001356	-.014516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000295	.0050477	.0003011	.0005404	.5106683	.0003698	-.003859
Stddev	.000086	.0020265	.0002994	.0001581	.0334153	.0011675	.000210
%RSD	29.03412	40.14628	99.40943	29.25814	6.543444	315.7406	5.443391
#1	-.000358	.0053435	-.000023	.0005074	.5476722	-.000933	-.004101
#2	-.000197	.0028896	.000358	.0007124	.5016330	.000719	-.003755
#3	-.000329	.0069101	.000568	.0004014	.4826997	.001323	-.003721

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0868057	-.006212	-.000240	.0019224	.0004399	-.015247	-.002811
Stddev	.0038687	.000123	.000084	.0005770	.0000847	.003005	.002717
%RSD	4.456721	1.979009	35.11560	30.01513	19.26204	19.70822	96.64762
#1	.0833924	-.006315	-.000171	.0018145	.0003966	-.012803	-.002554
#2	.0860166	-.006246	-.000334	.0014070	.0005375	-.018602	-.000232
#3	.0910081	-.006076	-.000216	.0025458	.0003855	-.014336	-.005647

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164453BL Acquired: 10/28/2024 19:08:35 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001238	.0012662	-.000024
Stddev	.002394	.0022050	.000006
%RSD	193.3164	174.1454	23.67163
#1	.001440	.0038036	-.000028
#2	-.003171	.0001793	-.000018
#3	-.001984	-.000184	-.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2913.260	63977.99	13632.81	2080.469	4875.302
Stddev	6.504	290.15	63.63	5.622	2.967
%RSD	.2232420	.4535092	.4667724	.2702301	.0608550
#1	2919.620	64299.77	13609.63	2084.685	4878.363
#2	2913.538	63897.89	13584.01	2082.635	4872.439
#3	2906.621	63736.31	13704.78	2074.086	4875.105

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164453BS Acquired: 10/28/2024 19:12:57 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7734186	2.092714	.9598839	2.010377	.8325029	2.024173
Stddev	.0037078	.043888	.0008735	.002939	.0014503	.007173
%RSD	.4794061	2.097190	.0909982	.1461730	.1742047	.3543568
#1	.7776526	2.129018	.9602685	2.011069	.8341596	2.024089
#2	.7718515	2.105183	.9588841	2.012907	.8314630	2.017042
#3	.7707516	2.043940	.9604991	2.007154	.8318861	2.031387

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1889725	.1974011	.1885898	1.018775	.4009399	.2030027
Stddev	.0014133	.0009450	.0003558	.007721	.0017413	.0002599
%RSD	.7478812	.4787242	.1886397	.7578299	.4343053	.1280215
#1	.1896417	.1969559	.1885681	1.021947	.3990418	.2030293
#2	.1873489	.1967610	.1889559	1.009973	.4013147	.2032482
#3	.1899269	.1984865	.1882454	1.024404	.4024634	.2027305

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3277025	3.016981	.1894567	1.906645	.5097817	.0798488
Stddev	.0006623	.018174	.0013878	.031731	.0000894	.0005841
%RSD	.2021096	.6023820	.7325009	1.664247	.0175276	.7315410
#1	.3284589	3.006063	.1885398	1.882656	.5096978	.0797850
#2	.3274224	3.006920	.1887769	1.894656	.5097717	.0804622
#3	.3272263	3.037960	.1910533	1.942625	.5098757	.0792992

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.004790	.2924749	.2171877	10.42000	.2810027	.4433278
Stddev	.023068	.0036862	.0003024	.02247	.0014043	.0002988
%RSD	.7677167	1.260329	.1392156	.2156036	.4997307	.0673943
#1	3.023698	.2949395	.2172376	10.44139	.2807456	.4434667
#2	2.979087	.2882373	.2174619	10.39659	.2797447	.4429848
#3	3.011584	.2942479	.2168634	10.42201	.2825177	.4435317

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164453BS Acquired: 10/28/2024 19:12:57 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6968079	.1903005	F .7066463	5.961507	F -.012277	.1765214
Stddev	.0024213	.0008086	.0072495	.021966	.001455	.0019485
%RSD	.3474857	.4249205	1.025900	.3684677	11.85524	1.103827
#1	.6975480	.1905672	.7148674	5.984144	-.011035	.1774623
#2	.6987727	.1893922	.7011702	5.960097	-.013878	.1742810
#3	.6941029	.1909420	.7039012	5.940279	-.011917	.1778209

Elem	Sr4077
Units	ppm
Avg	.1978285
Stddev	.0013812
%RSD	.6981692
#1	.1988963
#2	.1962687
#3	.1983206

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2869.037	62252.67	13513.42	1994.031	4705.045
Stddev	3.150	46.38	47.77	9.270	4.055
%RSD	.1097884	.0744951	.3534668	.4648987	.0861867
#1	2869.626	62216.29	13518.30	1986.660	4701.141
#2	2871.850	62304.89	13558.55	1990.994	4709.236
#3	2865.634	62236.82	13463.40	2004.439	4704.758

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-01 Acquired: 10/28/2024 19:16:56 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0416603	-.002337	.1542648	-.040307	.0007562	120.9810
Stddev	.0030372	.001107	.0008894	.002311	.0019271	.1639
%RSD	7.290271	47.35842	.5765308	5.732395	254.8485	.1355079
#1	.0393813	-.003271	.1533179	-.042954	-.001192	120.9055
#2	.0451082	-.002624	.1550825	-.039278	.002661	121.1690
#3	.0404913	-.001115	.1543942	-.038690	.000799	120.8684

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7776296	.0108641	.0293437	20.90571	.2461571	.1514036
Stddev	.0029336	.0001565	.0002061	.02909	.0015407	.0003787
%RSD	.3772471	1.440433	.7025105	.1391621	.6259054	.2501020
#1	.7808702	.0110307	.0295195	20.87773	.2468795	.1509744
#2	.7751548	.0108413	.0291168	20.90359	.2472039	.1515458
#3	.7768639	.0107202	.0293947	20.93580	.2443880	.1516906

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9961016	267.7907	7.364165	52.27422	.2936437	.0110664
Stddev	.0016248	.9453	.003759	.45178	.0006069	.0003642
%RSD	.1631143	.3530001	.0510458	.8642438	.2066705	3.291413
#1	.9978591	266.8220	7.359862	51.75590	.2940558	.0107983
#2	.9957912	267.8395	7.365826	52.58445	.2939286	.0109199
#3	.9946543	268.7107	7.366808	52.48232	.2929468	.0114811

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.954013	.3219244	.5750066	23.05140	.1082138	.0007578
Stddev	.027445	.0002879	.0023820	.03336	.0019090	.0001944
%RSD	.2757174	.0894300	.4142626	.1447111	1.764118	25.64906
#1	9.975821	.3217712	.5776615	23.08501	.1060617	.0009815
#2	9.923196	.3217454	.5730565	23.01830	.1097032	.0006616
#3	9.963023	.3222565	.5743019	23.05088	.1088765	.0006303

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-01 Acquired: 10/28/2024 19:16:56 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121698	5.040985	F 11.96056	7.992548	.2892705	.1793339
Stddev	.0018937	.006676	.01651	.035061	.0028134	.0008119
%RSD	15.56065	.1324437	.1380516	.4386677	.9725718	.4527449
#1	.0113141	5.048420	11.94202	8.033030	.2909294	.1802005
#2	.0108550	5.039033	11.96597	7.971938	.2908600	.1792104
#3	.0143403	5.035502	11.97368	7.972675	.2860222	.1785908

Elem	Sr4077
Units	ppm
Avg	-.140308
Stddev	.001543
%RSD	1.099643
#1	-.138650
#2	-.140574
#3	-.141701

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3325.785	72646.66	17452.87	2314.722	4042.867
Stddev	10.834	106.62	27.15	9.896	9.696
%RSD	.3257455	.1467597	.1555398	.4275326	.2398253
#1	3313.552	72769.71	17451.55	2322.967	4032.342
#2	3334.166	72581.77	17426.41	2317.451	4051.435
#3	3329.638	72588.50	17480.65	2303.747	4044.825

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05 Acquired: 10/28/2024 19:21:02 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0448688	-.006437	.1809869	-.049236	.0032416	116.4849
Stddev	.0022608	.005957	.0017870	.001017	.0016139	.0850
%RSD	5.038720	92.54297	.9873802	2.065969	49.78663	.0729295
#1	.0422641	-.012975	.1818619	-.050389	.0036110	116.5293
#2	.0460204	-.001318	.1821677	-.048854	.0014751	116.5385
#3	.0463220	-.005017	.1789309	-.048465	.0046388	116.3870

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.092870	.0135318	.0366296	116.8736	.2815876	.1901825
Stddev	.005475	.0000882	.0002948	.4951	.0009642	.0003969
%RSD	.5009570	.6519639	.8048838	.4236459	.3424299	.2086799
#1	1.091376	.0136140	.0368970	116.3638	.2804848	.1898100
#2	1.098936	.0135427	.0366782	116.9046	.2820060	.1901376
#3	1.088296	.0134386	.0363134	117.3526	.2822720	.1905999

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.177155	301.5898	7.198261	69.97507	.3844074	.0111772
Stddev	.003044	1.4142	.036107	.39801	.0007411	.0002159
%RSD	.2585472	.4689034	.5016046	.5687863	.1927769	1.931787
#1	1.180280	299.9649	7.156576	69.64976	.3844725	.0109328
#2	1.174200	302.5421	7.219834	69.85658	.3836360	.0113419
#3	1.176984	302.2625	7.218371	70.41886	.3851138	.0112569

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.04567	.3398049	.7293125	31.60071	.1302421	.0010726
Stddev	.08258	.0028199	.0012251	.12694	.0013882	.0001408
%RSD	.7476042	.8298584	.1679863	.4016908	1.065876	13.12932
#1	11.04652	.3376129	.7284225	31.58348	.1289327	.0011278
#2	11.12782	.3388157	.7288051	31.73539	.1300960	.0011775
#3	10.96267	.3429861	.7307098	31.48327	.1316976	.0009126

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05 Acquired: 10/28/2024 19:21:02 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0144547	4.996792	8.201886	F 11.32209	.2638051	.2680493
Stddev	.0026355	.010433	.012470	.02187	.0048320	.0011401
%RSD	18.23275	.2087917	.1520385	.1931877	1.831662	.4253371
#1	.0137695	4.989325	8.189130	11.29796	.2691764	.2691857
#2	.0122294	5.008712	8.202480	11.32771	.2598116	.2680568
#3	.0173651	4.992337	8.214049	11.34061	.2624275	.2669055

Elem	Sr4077
Units	ppm
Avg	-.089352
Stddev	.001203
%RSD	1.345847
#1	-.088105
#2	-.089445
#3	-.090505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3235.333	72101.29	17200.96	2266.566	3851.707
Stddev	10.645	138.57	27.93	.727	9.081
%RSD	.3290306	.1921853	.1623719	.0320652	.2357693
#1	3226.643	72092.29	17228.55	2266.579	3845.838
#2	3232.150	71967.44	17172.71	2267.286	3847.117
#3	3247.207	72244.13	17201.62	2265.833	3862.167

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4531-01 Acquired: 10/28/2024 19:25:06 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0353525	-.017720	.3331935	-.037643	.0135959	146.7630
Stddev	.0007903	.001654	.0015281	.000340	.0009265	1.0787
%RSD	2.235450	9.331715	.4586139	.9024477	6.814875	.7350163
#1	.0355099	-.015846	.3315676	-.037355	.0129423	145.7363
#2	.0344954	-.018337	.3346000	-.038018	.0131892	147.8871
#3	.0360522	-.018976	.3334128	-.037556	.0146562	146.6656

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7484213	.0083563	.0278784	46.52103	.1988317	.1432990
Stddev	.0010316	.0000772	.0002128	.14482	.0005582	.0006361
%RSD	.1378326	.9238507	.7632326	.3112894	.2807490	.4438814
#1	.7474664	.0083841	.0278121	46.35487	.1988389	.1429072
#2	.7482821	.0084157	.0277067	46.62036	.1982699	.1440329
#3	.7495154	.0082690	.0281164	46.58786	.1993862	.1429569

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3419484	249.7880	3.495597	47.81981	.2233563	.0101283
Stddev	.0004577	.5714	.006907	.22375	.0006074	.0002288
%RSD	.1338546	.2287561	.1976059	.4679090	.2719271	2.258846
#1	.3415949	249.1619	3.488806	47.56156	.2227212	.0102593
#2	.3424654	250.2813	3.502615	47.95559	.2239314	.0102614
#3	.3417848	249.9208	3.495369	47.94229	.2234164	.0098641

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29667	.5024275	.5696972	17.59841	.1377235	.0036959
Stddev	.02435	.0020357	.0017800	.02892	.0019975	.0004411
%RSD	.2364674	.4051767	.3124506	.1643564	1.450343	11.93524
#1	10.27781	.5035322	.5688125	17.58369	.1385450	.0035832
#2	10.28803	.5036719	.5717462	17.57981	.1354462	.0041825
#3	10.32415	.5000782	.5685328	17.63174	.1391792	.0033221

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4531-01 Acquired: 10/28/2024 19:25:06 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211142	6.515576	F 11.25640	9.155929	4.115882	.1321654
Stddev	.0003122	.012121	.04372	.025388	.019047	.0014170
%RSD	1.478374	.1860248	.3884447	.2772878	.4627600	1.072151
#1	.0209279	6.501855	11.21453	9.139014	4.096660	.1306500
#2	.0214745	6.520042	11.25291	9.143651	4.134749	.1334575
#3	.0209401	6.524829	11.30177	9.185123	4.116237	.1323887

Elem	Sr4077
Units	ppm
Avg	-.088804
Stddev	.000585
%RSD	.6584226
#1	-.088294
#2	-.089442
#3	-.088677

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3214.178	72161.02	16654.95	2314.615	3975.252
Stddev	2.347	89.28	38.67	17.496	2.364
%RSD	.0730048	.1237208	.2321592	.7558804	.0594778
#1	3211.572	72099.68	16649.02	2310.063	3973.329
#2	3216.122	72119.94	16619.59	2299.846	3974.535
#3	3214.839	72263.45	16696.24	2333.937	3977.892

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4545-01 Acquired: 10/28/2024 19:29:18 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0884488	.0020019	1.327513	-.043401	.0112083	159.8973
Stddev	.0029330	.0015743	.004459	.001398	.0007841	.7081
%RSD	3.316082	78.63809	.3359055	3.222032	6.995381	.4428703
#1	.0915454	.0034105	1.322433	-.041787	.0119507	159.0825
#2	.0880884	.0003025	1.330783	-.044195	.0103883	160.3639
#3	.0857127	.0022926	1.329321	-.044222	.0112859	160.2455

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.677333	.0104661	.0427705	75.04209	.2794759	.1690839
Stddev	.006022	.0001018	.0000733	.14025	.0013320	.0002306
%RSD	.2249106	.9729305	.1713311	.1868896	.4766108	.1364063
#1	2.684222	.0103618	.0427041	74.88351	.2809883	.1688369
#2	2.673069	.0105653	.0428491	75.09293	.2784775	.1692936
#3	2.674710	.0104712	.0427583	75.14982	.2789619	.1691213

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4982749	293.8456	10.88393	34.31631	.3224132	.0122870
Stddev	.0014752	.5468	.01766	.11674	.0004443	.0002268
%RSD	.2960560	.1860713	.1622452	.3402024	.1378015	1.845635
#1	.4996468	293.2143	10.89724	34.18669	.3221478	.0121704
#2	.4967146	294.1692	10.89065	34.41319	.3229261	.0121422
#3	.4984633	294.1532	10.86390	34.34905	.3221657	.0125484

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.846968	.4156631	1.535794	11.10090	.0942605	.0134438
Stddev	.017052	.0022618	.008801	.04447	.0011816	.0005582
%RSD	.2916401	.5441527	.5730647	.4005909	1.253565	4.151837
#1	5.840795	.4131812	1.544169	11.05093	.0934361	.0140140
#2	5.833861	.4176084	1.526621	11.11565	.0956142	.0128985
#3	5.866246	.4161998	1.536590	11.13612	.0937311	.0134190

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4545-01 Acquired: 10/28/2024 19:29:18 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1711022	4.239644	F 13.91310	8.066525	4.016232	.1275475
Stddev	.0007361	.001689	.07173	.009938	.004943	.0012008
%RSD	.4301813	.0398352	.5155649	.1231995	.1230864	.9414861
#1	.1707132	4.241393	13.83069	8.055054	4.013104	.1288892
#2	.1719512	4.238023	13.94711	8.071986	4.021931	.1271797
#3	.1706423	4.239517	13.96150	8.072534	4.013661	.1265736

Elem	Sr4077
Units	ppm
Avg	.0913736
Stddev	.0014213
%RSD	1.555456
#1	.0929652
#2	.0902312
#3	.0909244

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3123.750	68168.55	16050.80	2206.041	4028.221
Stddev	8.871	53.85	38.57	3.960	5.570
%RSD	.2839808	.0789968	.2403150	.1795208	.1382810
#1	3116.352	68201.45	16022.59	2202.062	4025.992
#2	3133.584	68106.41	16035.05	2209.982	4034.561
#3	3121.313	68197.80	16094.75	2206.079	4024.111

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV08 Acquired: 10/28/2024 19:33:31 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.292254	5.469317	5.130018	5.473794	5.399992	10.31105
Stddev	.009940	.077839	.002829	.021226	.016169	.01517
%RSD	.1878162	1.423202	.0551470	.3877668	.2994230	.1470921
#1	5.280778	5.380217	5.131459	5.449487	5.381410	10.29355
#2	5.297864	5.524108	5.126758	5.483225	5.407711	10.32045
#3	5.298121	5.503626	5.131837	5.488669	5.410854	10.31915

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02608	.2511180	2.569441	24.67534	.9889391	2.569242
Stddev	.11369	.0012330	.001746	.06097	.0016834	.001804
%RSD	1.133935	.4910177	.0679603	.2470692	.1702215	.0702301
#1	10.04715	.2508011	2.571386	24.64983	.9894758	2.571321
#2	10.12776	.2524786	2.568931	24.74491	.9902887	2.568089
#3	9.90333	.2500744	2.568007	24.63127	.9870528	2.568316

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.336584	5.016562	2.358445	24.53918	2.575804	1.313001
Stddev	.003064	.010267	.007688	.11909	.002085	.000998
%RSD	.2292193	.2046635	.3259888	.4852956	.0809636	.0759924
#1	1.333298	5.006778	2.356956	24.55182	2.577433	1.314151
#2	1.339362	5.015656	2.366769	24.65144	2.576525	1.312370
#3	1.337093	5.027252	2.351610	24.41427	2.573454	1.312482

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.68109	2.497173	2.683527	26.65868	4.958751	F 5.503324
Stddev	.11852	.003871	.002609	.09082	.023728	.014837
%RSD	.4615095	.1550042	.0972042	.3406638	.4785127	.2696033
#1	25.63390	2.494424	2.683799	26.61433	4.958799	5.486556
#2	25.59343	2.501599	2.680793	26.59857	4.982456	5.508660
#3	25.81594	2.495494	2.685989	26.76315	4.934999	5.514754

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV08 Acquired: 10/28/2024 19:33:31 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV08 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.124314	4.902978	5.434532	5.376262	5.054231	4.830365
Stddev	.006244	.008508	.028210	.001578	.017786	.015999
%RSD	.1218557	.1735274	.5190935	.0293469	.3519117	.3312086
#1	5.123422	4.898766	5.410105	5.375444	5.040161	4.813423
#2	5.130956	4.912770	5.428084	5.378080	5.074223	4.832457
#3	5.118563	4.897397	5.465409	5.375260	5.048310	4.845215

Elem	Sr4077
Units	ppm
Avg	5.068753
Stddev	.044340
%RSD	.8747645
#1	5.023922
#2	5.069752
#3	5.112585

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2747.187	60821.56	13067.56	1925.478	4269.626
Stddev	6.428	73.55	50.45	7.484	4.051
%RSD	.2339897	.1209336	.3860809	.3886687	.0948697
#1	2754.423	60766.37	13070.15	1923.415	4273.861
#2	2744.998	60905.06	13015.86	1933.777	4269.228
#3	2742.138	60793.24	13116.67	1919.242	4265.789

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB08 Acquired: 10/28/2024 19:37:42 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001013	-.002129	-.000538	-.001139	-.000795	.0049642	-.003750
Stddev	.000394	.000748	.001039	.000506	.000288	.0009754	.000301
%RSD	38.88528	35.15478	193.0504	44.40591	36.23518	19.64891	8.035421
#1	-.000869	-.002852	.000493	-.001720	-.000809	.0058707	-.003948
#2	-.000712	-.002178	-.001584	-.000800	-.001076	.0050897	-.003403
#3	-.001460	-.001357	-.000522	-.000896	-.000501	.0039321	-.003899

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000464	.0001156	.0019697	-.000571	.0001951	-.001367	-.011806
Stddev	.0000227	.0000580	.0016570	.000401	.0000684	.000090	.002928
%RSD	48.84202	50.22478	84.12178	70.17986	35.07045	6.597235	24.79929
#1	.0000563	.0001096	.0008058	-.000842	.0002665	-.001436	-.009565
#2	.0000205	.0000607	.0038668	-.000761	.0001888	-.001399	-.010734
#3	.0000624	.0001764	.0012366	-.000111	.0001301	-.001265	-.015119

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0045685	.0002058	.0007635	-.028304	-.000237	-.004754
Stddev	.000112	.0017488	.0000646	.0001027	.010222	.001094	.000148
%RSD	442.4958	38.27906	31.38210	13.45050	36.11694	461.9181	3.113966
#1	.000045	.0035964	.0001700	.0007508	-.037462	.001025	-.004900
#2	-.000154	.0035217	.0001670	.0008719	-.017275	-.000822	-.004759
#3	.000034	.0065873	.0002803	.0006677	-.030175	-.000914	-.004604

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006981	-.003389	.0002689	.0016851	.0007238	-.007387	-.000693
Stddev	.018505	.000374	.0000766	.0003137	.0001481	.002143	.002338
%RSD	265.0781	11.03460	28.47836	18.61872	20.46489	29.00957	337.5126
#1	.009778	-.003519	.0001904	.0016318	.0006601	-.005831	-.001462
#2	-.026840	-.002967	.0003434	.0014014	.0006183	-.006499	.001933
#3	-.003880	-.003680	.0002729	.0020221	.0008932	-.009831	-.002549

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB08 Acquired: 10/28/2024 19:37:42 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB08 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006185	-.000797	.0000988
Stddev	.0013322	.001265	.0000295
%RSD	215.3892	158.6534	29.79872
#1	.0019002	-.002257	.0000747
#2	-.000759	-.000050	.0000901
#3	.000714	-.000084	.0001317

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.544	63423.66	13994.10	2003.532	4841.850
Stddev	2.307	224.19	65.29	5.188	3.565
%RSD	.0805410	.3534748	.4665851	.2589409	.0736220
#1	2864.681	63551.32	14028.56	2006.736	4843.203
#2	2862.172	63164.80	13918.79	1997.547	4844.540
#3	2866.780	63554.86	14034.94	2006.314	4837.807

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05DUP Acquired: 10/28/2024 19:42:03 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0409516	-.001365	.1646331	-.045763	.0029185	106.2774
Stddev	.0028029	.001567	.0024874	.001562	.0018973	.1291
%RSD	6.844417	114.7964	1.510875	3.413959	65.00998	.1214534
#1	.0440070	.000149	.1668007	-.046060	.0021622	106.1506
#2	.0384995	-.002981	.1651813	-.047156	.0050773	106.4086
#3	.0403481	-.001264	.1619173	-.044074	.0015160	106.2730

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.008656	.0125804	.0318743	166.6849	.2665144	.1707753
Stddev	.004621	.0001676	.0000982	.0611	.0005789	.0003364
%RSD	.4581643	1.332537	.3080958	.0366769	.2172269	.1969773
#1	1.005030	.0124108	.0318264	166.7513	.2669351	.1710546
#2	1.007078	.0125844	.0318093	166.6726	.2658541	.1708695
#3	1.013859	.0127460	.0319873	166.6309	.2667538	.1704019

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9605814	282.9513	7.227132	65.60993	.3574976	.0104595
Stddev	.0018696	.1890	.016244	.06128	.0005101	.0001657
%RSD	.1946310	.0668094	.2247679	.0934040	.1426830	1.584211
#1	.9625779	282.7965	7.234394	65.61911	.3574361	.0104246
#2	.9602943	282.8955	7.208524	65.66610	.3570211	.0103141
#3	.9588719	283.1620	7.238479	65.54457	.3580357	.0106399

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.40411	.3165914	.6886798	32.41294	.1375788	.0010030
Stddev	.07454	.0010674	.0012182	.13542	.0009508	.0001974
%RSD	.7164169	.3371506	.1768922	.4177836	.6911183	19.67763
#1	10.33558	.3178235	.6883533	32.25666	.1365098	.0008377
#2	10.39328	.3159451	.6876581	32.48669	.1378965	.0012215
#3	10.48347	.3160057	.6900280	32.49547	.1383301	.0009497

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05DUP Acquired: 10/28/2024 19:42:03 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0169165	5.145399	F 13.01296	F 10.21604	.4168129	.2673879
Stddev	.0013701	.006276	.01633	.04546	.0094390	.0028434
%RSD	8.099090	.1219786	.1255183	.4449734	2.264557	1.063399
#1	.0172277	5.142197	12.99481	10.19848	.4144392	.2651646
#2	.0181042	5.141369	13.02648	10.18198	.4087873	.2664073
#3	.0154175	5.152630	13.01758	10.26766	.4272121	.2705918

Elem	Sr4077
Units	ppm
Avg	.0073884
Stddev	.0008534
%RSD	11.55071
#1	.0069263
#2	.0068656
#3	.0083732

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3104.588	68750.43	16410.55	2176.618	3802.858
Stddev	14.129	216.97	65.87	6.460	12.804
%RSD	.4550989	.3155850	.4014111	.2967780	.3367023
#1	3088.912	68590.27	16335.93	2171.290	3788.418
#2	3108.514	68663.67	16435.13	2174.760	3807.325
#3	3116.339	68997.35	16460.61	2183.803	3812.830

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05LX5 Acquired: 10/28/2024 19:46:08 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079949	-.001357	.0387308	-.012358	.0004482	28.80002	.2713676
Stddev	.0029824	.001690	.0006445	.001216	.0021217	.04912	.0004460
%RSD	37.30398	124.5989	1.663997	9.836750	473.3761	.1705408	.1643527
#1	.0085910	.000070	.0392917	-.013749	-.001766	28.74652	.2715430
#2	.0106343	-.000917	.0388739	-.011828	.002464	28.81050	.2708605
#3	.0047595	-.003224	.0380268	-.011497	.000647	28.84306	.2716992

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037464	.0048352	30.20881	.0745513	.0397785	.3136401	77.17036
Stddev	.0000356	.0000793	.06971	.0002840	.0002255	.0004230	.39215
%RSD	.9503749	1.640192	.2307505	.3809392	.5669484	.1348581	.5081550
#1	.0037473	.0047452	30.15966	.0747078	.0397407	.3131606	76.73737
#2	.0037104	.0048951	30.17818	.0742235	.0395742	.3137991	77.27211
#3	.0037816	.0048651	30.28859	.0747227	.0400205	.3139605	77.50161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.894136	17.92154	.0821047	.0030384	2.531054	.0879856	.1789082
Stddev	.006024	.06447	.0003442	.0000463	.007956	.0005910	.0001686
%RSD	.3180462	.3597354	.4191957	1.523003	.3143500	.6716613	.0942330
#1	1.888862	17.85475	.0821826	.0029928	2.521889	.0885941	.1787309
#2	1.892844	17.92646	.0817283	.0030372	2.535090	.0874138	.1790664
#3	1.900701	17.98341	.0824033	.0030853	2.536184	.0879491	.1789275

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.479773	.0303752	.0001675	.0021129	1.320046	2.171438	2.353577
Stddev	.016157	.0010522	.0005666	.0009318	.002330	.008136	.006758
%RSD	.2160073	3.464102	338.2105	44.10147	.1765179	.3747049	.2871436
#1	7.478142	.0295388	.0007670	.0031811	1.319242	2.162528	2.353860
#2	7.464494	.0300303	.0000946	.0014672	1.318225	2.178474	2.346682
#3	7.496684	.0315566	-.000359	.0016904	1.322672	2.173310	2.360189

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05LX5 Acquired: 10/28/2024 19:46:08 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0458302	.0655201	-.023413
Stddev	.0073050	.0009562	.000402
%RSD	15.93932	1.459398	1.715682
#1	.0467797	.0653702	-.022954
#2	.0526140	.0665424	-.023583
#3	.0380969	.0646477	-.023701

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2945.199	63952.59	14374.57	2096.204	4355.197
Stddev	2.932	68.00	23.70	6.240	5.495
%RSD	.0995481	.1063330	.1648571	.2976850	.1261696
#1	2941.831	63973.83	14349.86	2089.106	4348.996
#2	2946.585	63876.50	14397.10	2100.825	4359.459
#3	2947.181	64007.44	14376.74	2098.683	4357.137

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05MS Acquired: 10/28/2024 19:50:18 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6493851	1.843616	1.057362	1.457223	.6511738	118.6733
Stddev	.0020322	.039831	.001244	.004616	.0022551	.2064
%RSD	.3129395	2.160459	.1176072	.3167505	.3463093	.1738961
#1	.6512856	1.889608	1.056320	1.462213	.6536259	118.4741
#2	.6496268	1.820574	1.057027	1.453107	.6507063	118.8862
#3	.6472428	1.820665	1.058738	1.456350	.6491891	118.6596

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.255215	.1560588	.2181777	120.8474	.5810888	.3840871
Stddev	.004048	.0005201	.0001909	.3778	.0005458	.0006131
%RSD	.3225128	.3332779	.0874972	.3126360	.0939203	.1596160
#1	1.252567	.1559830	.2183685	120.4193	.5805454	.3846894
#2	1.259875	.1555808	.2179868	121.1340	.5810842	.3834638
#3	1.253202	.1566127	.2181779	120.9889	.5816369	.3841080

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.358735	305.6745	7.423968	71.87495	.8632559	.0744556
Stddev	.002673	1.2046	.021283	.23984	.0003346	.0004513
%RSD	.1967233	.3940741	.2866858	.3336916	.0387615	.6061902
#1	1.358757	304.2838	7.400734	71.59826	.8630590	.0739599
#2	1.361397	306.3928	7.442522	72.00301	.8630663	.0748428
#3	1.356051	306.3468	7.428647	72.02358	.8636422	.0745641

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.80306	.5603065	.8894094	40.90726	.3380111	.3424557
Stddev	.06257	.0025052	.0019678	.11658	.0007539	.0010467
%RSD	.4533171	.4471077	.2212513	.2849969	.2230543	.3056602
#1	13.73691	.5608342	.8899240	40.79860	.3371408	.3434872
#2	13.86130	.5625057	.8872353	41.03041	.3384287	.3424857
#3	13.81097	.5575794	.8910687	40.89277	.3384640	.3413943

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05MS Acquired: 10/28/2024 19:50:18 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6863324	5.303502	F 10.01852	F 17.07962	.2522262	.4165882
Stddev	.0011591	.015024	.04167	.04506	.0077163	.0005449
%RSD	.1688841	.2832872	.4159328	.2638017	3.059284	.1308027
#1	.6869629	5.287488	9.97107	17.12671	.2541813	.4163266
#2	.6849947	5.317287	10.04919	17.07522	.2587768	.4162234
#3	.6870396	5.305732	10.03529	17.03692	.2437203	.4172146

Elem	Sr4077
Units	ppm
Avg	.0677222
Stddev	.0014177
%RSD	2.093423
#1	.0687975
#2	.0682535
#3	.0661156

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3249.647	70220.77	16665.13	2240.368	3874.191
Stddev	7.663	72.71	31.84	4.913	5.295
%RSD	.2357964	.1035497	.1910472	.2192727	.1366741
#1	3247.391	70164.90	16634.56	2234.910	3872.108
#2	3243.365	70194.43	16662.73	2241.760	3870.255
#3	3258.184	70302.98	16698.10	2244.435	3880.211

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05MSD Acquired: 10/28/2024 19:54:16 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6483821	1.784289	1.047373	1.454095	.6496278	118.3654
Stddev	.0041107	.015748	.003017	.003888	.0017902	.2411
%RSD	.6339904	.8826065	.2880977	.2673534	.2755744	.2037246
#1	.6503459	1.797049	1.050856	1.453278	.6485465	118.2245
#2	.6436579	1.766689	1.045556	1.450682	.6486426	118.2279
#3	.6511426	1.789129	1.045706	1.458327	.6516942	118.6439

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.241887	.1524382	.2179123	120.3844	.5641378	.3809638
Stddev	.002690	.0004248	.0002559	.3989	.0014789	.0003303
%RSD	.2165892	.2786802	.1174242	.3313777	.2621513	.0866898
#1	1.239768	.1521335	.2179555	119.9251	.5642551	.3809838
#2	1.240980	.1529235	.2176376	120.5833	.5655546	.3812836
#3	1.244913	.1522577	.2181439	120.6447	.5626038	.3806240

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.361815	294.1643	7.310326	71.24825	.8576554	.0720271
Stddev	.001980	.7327	.026431	.32235	.0004239	.0003655
%RSD	.1454189	.2490936	.3615518	.4524321	.0494303	.5074602
#1	1.361582	293.3213	7.280541	70.87657	.8572985	.0716862
#2	1.359961	294.5236	7.319453	71.41684	.8575438	.0719820
#3	1.363901	294.6481	7.330983	71.45134	.8581240	.0724130

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.31098	.5524522	.8705462	39.70792	.3124610	.3391620
Stddev	.02095	.0017446	.0013707	.06753	.0015129	.0014423
%RSD	.1573823	.3157943	.1574526	.1700695	.4841782	.4252496
#1	13.31431	.5515663	.8705499	39.69922	.3117442	.3378884
#2	13.28857	.5513282	.8691737	39.64515	.3114397	.3388695
#3	13.33007	.5544620	.8719151	39.77937	.3141990	.3407281

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05MSD Acquired: 10/28/2024 19:54:16 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6776838	5.338840	F 10.43908	F 16.78754	.2522544	.4114092
Stddev	.0027265	.009702	.02257	.02469	.0014221	.0025175
%RSD	.4023221	.1817317	.2161842	.1470776	.5637455	.6119138
#1	.6796826	5.329705	10.41364	16.79770	.2506506	.4091184
#2	.6745779	5.337791	10.44691	16.75939	.2527509	.4110048
#3	.6787908	5.349025	10.45668	16.80554	.2533616	.4141044

Elem	Sr4077
Units	ppm
Avg	.0766643
Stddev	.0009042
%RSD	1.179459
#1	.0767279
#2	.0757300
#3	.0775350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3231.967	72624.11	16846.48	2257.451	3870.725
Stddev	8.708	172.89	18.56	6.243	5.989
%RSD	.2694277	.2380573	.1101819	.2765464	.1547204
#1	3241.309	72425.75	16826.55	2253.872	3877.445
#2	3230.516	72742.78	16849.60	2264.659	3868.778
#3	3224.076	72703.80	16863.28	2253.820	3865.952

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05A Acquired: 10/28/2024 19:58:12 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6404452	1.763974	1.028356	1.428175	.6360099	121.7206
Stddev	.0041841	.019214	.000916	.007951	.0006634	.0838
%RSD	.6533123	1.089217	.0890548	.5567570	.1042982	.0688352
#1	.6382812	1.754717	1.028197	1.420305	.6352818	121.6540
#2	.6377862	1.751142	1.029340	1.428014	.6365799	121.8147
#3	.6452681	1.786064	1.027529	1.436205	.6361680	121.6930

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.254456	.1495724	.2142357	116.9376	.5674510	.3801065
Stddev	.004593	.0001540	.0000600	.4759	.0014913	.0012579
%RSD	.3660981	.1029468	.0279974	.4069949	.2628005	.3309221
#1	1.256937	.1495603	.2142501	116.3910	.5690677	.3791532
#2	1.257274	.1497321	.2141698	117.2607	.5661293	.3796340
#3	1.249156	.1494248	.2142872	117.1610	.5671560	.3815321

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.368670	303.4942	7.321873	72.47555	.8537854	.0717337
Stddev	.000480	1.4477	.019657	.42096	.0006769	.0005588
%RSD	.0350995	.4770204	.2684738	.5808357	.0792864	.7789368
#1	1.369164	301.8392	7.306674	72.00220	.8540355	.0711335
#2	1.368205	304.5259	7.344072	72.61646	.8530190	.0718287
#3	1.368641	304.1175	7.314873	72.80798	.8543017	.0722389

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.81825	.5534164	.8858652	40.91552	.3210679	.3318109
Stddev	.06546	.0007893	.0035466	.08205	.0005783	.0009317
%RSD	.4737088	.1426228	.4003586	.2005232	.1801228	.2807937
#1	13.82733	.5525053	.8847434	40.91891	.3205284	.3312649
#2	13.87868	.5538512	.8830151	40.99581	.3216784	.3312812
#3	13.74872	.5538927	.8898371	40.83183	.3209968	.3328867

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4547-05A Acquired: 10/28/2024 19:58:12 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6618585	5.706305	F 13.30429	F 16.76818	.2506975	.4103917
Stddev	.0040176	.011858	.04081	.03695	.0070274	.0025890
%RSD	.6070151	.2078043	.3067066	.2203510	2.803136	.6308501
#1	.6619793	5.698568	13.26368	16.75938	.2527547	.4127794
#2	.6577819	5.719957	13.30391	16.73644	.2428712	.4107555
#3	.6658143	5.700390	13.34528	16.80874	.2564668	.4076400

Elem	Sr4077
Units	ppm
Avg	.0595628
Stddev	.0024485
%RSD	4.110727
#1	.0621774
#2	.0591869
#3	.0573239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3214.261	71665.40	16980.81	2263.810	3848.637
Stddev	3.782	97.52	41.60	4.397	7.260
%RSD	.1176740	.1360745	.2449966	.1942402	.1886315
#1	3211.637	71592.62	16947.33	2266.642	3844.474
#2	3218.596	71627.39	16967.71	2266.044	3857.020
#3	3212.549	71776.20	17027.38	2258.744	3844.418

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4561-01 Acquired: 10/28/2024 20:02:09 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0492986	-.004406	.2035126	-.053867	.0018521	116.6743
Stddev	.0027918	.003763	.0007140	.003195	.0013220	.0756
%RSD	5.662954	85.40083	.3508580	5.930439	71.37443	.0648366
#1	.0518340	-.008097	.2040825	-.055168	.0009808	116.5946
#2	.0497550	-.004546	.2027116	-.050227	.0033732	116.7452
#3	.0463067	-.000575	.2037436	-.056206	.0012024	116.6831

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.356576	.0136232	.0395593	210.1979	.2971281	.1947530
Stddev	.001852	.0000646	.0003675	1.0559	.0010001	.0006663
%RSD	.1365217	.4740482	.9289735	.5023426	.3365944	.3421307
#1	1.356345	.0136523	.0398640	209.3114	.2959739	.1939896
#2	1.354849	.0136681	.0396628	209.9162	.2976731	.1950520
#3	1.358532	.0135492	.0391512	211.3661	.2977374	.1952175

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9764179	315.5439	8.231998	73.56249	.3953928	.0112711
Stddev	.0015653	1.3685	.018864	.40776	.0009710	.0001884
%RSD	.1603081	.4337109	.2291542	.5542991	.2455776	1.671297
#1	.9776131	314.0657	8.210227	73.11626	.3942838	.0111304
#2	.9746461	315.7991	8.243479	73.91570	.3960902	.0114851
#3	.9769945	316.7669	8.242288	73.65552	.3958045	.0111978

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.814622	.3606617	.7773440	35.54425	.1457409	.0015103
Stddev	.019044	.0014905	.0017380	.10295	.0032738	.0001859
%RSD	.3955534	.4132767	.2235873	.2896359	2.246306	12.30806
#1	4.814563	.3589553	.7793411	35.43648	.1420497	.0014183
#2	4.795606	.3617089	.7761737	35.55470	.1468802	.0013884
#3	4.833695	.3613211	.7765171	35.64158	.1482928	.0017243

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4561-01 Acquired: 10/28/2024 20:02:09 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127375	5.576469	8.443479	F 10.88903	.5027791	.3123315
Stddev	.0013127	.002936	.032155	.04754	.0063410	.0013902
%RSD	10.30571	.0526439	.3808213	.4365488	1.261194	.4451146
#1	.0142144	5.573113	8.415324	10.84074	.4988905	.3127109
#2	.0122941	5.577733	8.436595	10.89057	.5100963	.3134926
#3	.0117039	5.578560	8.478518	10.93577	.4993506	.3107909

Elem	Sr4077
Units	ppm
Avg	.0146449
Stddev	.0015175
%RSD	10.36205
#1	.0162687
#2	.0144032
#3	.0132627

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3194.313	70754.61	16899.33	2247.791	3792.786
Stddev	13.987	29.63	27.30	6.808	6.697
%RSD	.4378779	.0418733	.1615371	.3028765	.1765644
#1	3178.173	70759.13	16877.80	2240.340	3785.054
#2	3201.861	70781.72	16890.17	2253.687	3796.734
#3	3202.904	70722.99	16930.04	2249.346	3796.571

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4561-05 Acquired: 10/28/2024 20:06:22 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0449593	.0017118	.1395514	-.034017	.0017587	94.16628	1.010325
Stddev	.0021214	.0027891	.0021868	.002308	.0006508	.11795	.002209
%RSD	4.718545	162.9298	1.567016	6.785571	37.00313	.1252619	.2186596
#1	.0433488	.0041258	.1373366	-.031353	.0022888	94.03533	1.012697
#2	.0473630	.0023511	.1396084	-.035409	.0019550	94.19931	1.008326
#3	.0441660	-.001341	.1417091	-.035289	.0010324	94.26420	1.009952

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093036	.0213884	14.66137	.2012676	.1378535	.2992703	228.7550
Stddev	.0000762	.0002987	.02234	.0009018	.0002282	.0009482	.7237
%RSD	.8193933	1.396366	.1523918	.4480488	.1655491	.3168239	.3163598
#1	.0093139	.0217306	14.63690	.2008901	.1380362	.2988347	228.0622
#2	.0093741	.0211803	14.68068	.2022968	.1379267	.3003579	228.6969
#3	.0092227	.0212543	14.66653	.2006159	.1375977	.2986182	229.5060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.593107	32.59482	.2477182	.0087740	2.554431	.2640503	.5724539
Stddev	.008383	.17723	.0009219	.0000408	.007758	.0026851	.0019568
%RSD	.3232863	.5437270	.3721664	.4653185	.3037042	1.016890	.3418201
#1	2.583978	32.39418	.2486203	.0087979	2.562461	.2613893	.5733244
#2	2.594884	32.66025	.2477568	.0087268	2.553853	.2640029	.5702129
#3	2.600459	32.73003	.2467776	.0087971	2.546977	.2667588	.5738243

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.39581	.0630218	.0003124	.0104033	3.038250	5.972719	7.069544
Stddev	.01913	.0006451	.0001333	.0006620	.002152	.006452	.018856
%RSD	.1543023	1.023679	42.67994	6.363314	.0708257	.1080206	.2667242
#1	12.41719	.0630422	.0003726	.0103240	3.037051	5.965825	7.091292
#2	12.38993	.0623667	.0001596	.0097845	3.036965	5.978611	7.059583
#3	12.38032	.0636565	.0004051	.0111014	3.040734	5.973723	7.057758

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4561-05 Acquired: 10/28/2024 20:06:22 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.084655	.1519593	-.142464
Stddev	.001407	.0010508	.000748
%RSD	.0674962	.6915219	.5250572
#1	2.085691	.1522313	-.141702
#2	2.083053	.1507992	-.142494
#3	2.085222	.1528474	-.143197

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3316.287	72480.87	16482.56	2343.851	4287.815
Stddev	4.023	116.71	10.80	16.876	7.267
%RSD	.1213032	.1610240	.0655125	.7200150	.1694744
#1	3312.223	72346.49	16484.86	2328.793	4279.456
#2	3320.268	72539.19	16492.03	2362.092	4291.363
#3	3316.369	72556.92	16470.80	2340.667	4292.625

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4566-01 Acquired: 10/28/2024 20:10:28 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0346898	-.009353	.2717204	-.045010	.0034237	133.4197	.5703670
Stddev	.0018706	.002108	.0026902	.003024	.0007738	.0936	.0018637
%RSD	5.392277	22.53403	.9900650	6.717636	22.60004	.0701813	.3267514
#1	.0339395	-.009191	.2698501	-.041814	.0043099	133.3472	.5688112
#2	.0368190	-.007331	.2705076	-.045391	.0030790	133.3864	.5698573
#3	.0333108	-.011537	.2748035	-.047826	.0028822	133.5254	.5724325

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107620	.0309922	80.17713	.2132232	.1477154	.2666019	281.8952
Stddev	.0000490	.0000821	.32665	.0004732	.0003109	.0013491	2.2507
%RSD	.4556470	.2650485	.4074135	.2219410	.2104428	.5060499	.7984080
#1	.0107325	.0310857	79.81226	.2129942	.1474107	.2681566	279.6290
#2	.0108186	.0309593	80.27676	.2137674	.1480321	.2659112	281.9265
#3	.0107349	.0309316	80.44236	.2129080	.1477034	.2657381	284.1300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.831810	47.27704	.1751264	.0105359	12.23569	.4647560	.5680502
Stddev	.023583	.23180	.0006651	.0004525	.06613	.0021982	.0021340
%RSD	.6154645	.4902932	.3798004	4.294837	.5404827	.4729729	.3756649
#1	3.805453	47.01200	.1744220	.0100827	12.18867	.4624047	.5660461
#2	3.839059	47.37723	.1752133	.0105372	12.20709	.4651036	.5702938
#3	3.850917	47.44189	.1757437	.0109877	12.31130	.4667597	.5678108

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.31103	.1407190	.0071274	.0163986	6.227672	7.586123	5.753221
Stddev	.04592	.0044899	.0004024	.0012988	.017183	.042728	.008107
%RSD	.4453467	3.190701	5.645276	7.920001	.2759122	.5632336	.1409096
#1	10.32132	.1371370	.0070749	.0149035	6.208324	7.550910	5.744160
#2	10.26084	.1392640	.0075534	.0170455	6.233536	7.573803	5.759789
#3	10.35093	.1457560	.0067538	.0172469	6.241154	7.633658	5.755713

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4566-01 Acquired: 10/28/2024 20:10:28 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.523251	.1098624	-.104468
Stddev	.009532	.0005002	.001932
%RSD	.3777832	.4552575	1.849146
#1	2.512293	.1094292	-.102503
#2	2.527827	.1097482	-.104534
#3	2.529632	.1104097	-.106365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3160.199	70926.61	16522.36	2261.368	3965.266
Stddev	3.277	46.73	34.56	5.081	5.603
%RSD	.1036834	.0658833	.2091571	.2246663	.1412963
#1	3157.440	70894.72	16508.42	2264.960	3971.369
#2	3159.337	70980.25	16496.95	2263.590	3960.356
#3	3163.821	70904.87	16561.71	2255.556	3964.074

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-01 Acquired: 10/28/2024 20:14:32 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0743508	-.019249	2.613443	-.038955	.0019025	105.3532	.6738590
Stddev	.0008600	.003102	.001831	.000513	.0006010	.3033	.0010854
%RSD	1.156702	16.11669	.0700755	1.318004	31.58870	.2878766	.1610734
#1	.0752584	-.021976	2.611774	-.039061	.0012579	105.1479	.6727397
#2	.0742460	-.015874	2.613154	-.039407	.0020022	105.2101	.6739304
#3	.0735480	-.019898	2.615402	-.038397	.0024473	105.7015	.6749070

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110500	.0327822	45.72138	.4312814	.1329491	.9369563	227.9720
Stddev	.0000949	.0001797	.09258	.0004169	.0002715	.0006328	.8672
%RSD	.8588394	.5482133	.2024799	.0966647	.2042465	.0675361	.3804184
#1	.0111590	.0329696	45.61771	.4309839	.1332559	.9376144	227.0141
#2	.0110056	.0326114	45.75060	.4317579	.1328520	.9369024	228.7037
#3	.0109854	.0327655	45.79581	.4311024	.1327395	.9363522	228.1983

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.771468	58.77150	.2838676	.0099396	8.029071	.4100896	2.185487
Stddev	.012044	.30746	.0006017	.0000688	.018532	.0031911	.008203
%RSD	.2524225	.5231466	.2119467	.6919288	.2308105	.7781568	.3753249
#1	4.759151	58.41895	.2837809	.0099375	8.008864	.4068756	2.176260
#2	4.783220	58.91158	.2833140	.0098718	8.045273	.4101359	2.191954
#3	4.772033	58.98398	.2845079	.0100093	8.033076	.4132574	2.188246

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.88627	.0695095	.0043946	.0343274	8.968707	7.003538	9.518396
Stddev	.05320	.0016991	.0001592	.0004212	.012779	.018052	.033944
%RSD	.1978744	2.444431	3.623270	1.226929	.1424833	.2577544	.3566121
#1	26.82781	.0675816	.0043777	.0338419	8.954509	6.983011	9.556460
#2	26.89916	.0701583	.0042445	.0345952	8.972326	7.010663	9.507458
#3	26.93185	.0707886	.0045616	.0345451	8.979287	7.016940	9.491270

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-01 Acquired: 10/28/2024 20:14:32 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4651277	.1895774	-.007658
Stddev	.0028868	.0002946	.000721
%RSD	.6206483	.1553953	9.415620
#1	.4681993	.1898890	-.006992
#2	.4647133	.1893034	-.008423
#3	.4624704	.1895397	-.007559

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3402.260	76351.04	17604.05	2407.054	4048.274
Stddev	7.325	48.40	34.09	10.290	8.275
%RSD	.2153037	.0633947	.1936634	.4274893	.2044077
#1	3397.067	76295.24	17565.18	2412.063	4042.420
#2	3399.074	76376.05	17628.89	2395.219	4044.660
#3	3410.639	76381.81	17618.07	2413.880	4057.741

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-05 Acquired: 10/28/2024 20:18:36 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0477893	-.007902	.4828480	-.025222	.0010987	65.78807	.3775506
Stddev	.0032526	.001038	.0021790	.001179	.0004883	.11793	.0002201
%RSD	6.806069	13.13341	.4512825	4.676362	44.44452	.1792583	.0583000
#1	.0473339	-.006978	.4810292	-.023891	.0013271	65.71543	.3777749
#2	.0447883	-.007703	.4822516	-.026137	.0014309	65.72463	.3775420
#3	.0512455	-.009025	.4852631	-.025638	.0005380	65.92414	.3773349

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102032	.0210423	17.60273	.2464013	.0920670	.1970948	170.3647
Stddev	.0000165	.0001353	.06182	.0003365	.0001043	.0003511	.4003
%RSD	.1618167	.6429528	.3511886	.1365825	.1132435	.1781523	.2349766
#1	.0101920	.0208940	17.53493	.2467763	.0919488	.1967193	169.9035
#2	.0101955	.0210738	17.61727	.2461255	.0921459	.1974149	170.6221
#3	.0102222	.0211590	17.65598	.2463020	.0921063	.1971503	170.5685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.200529	30.01984	.1841879	.0076760	7.671952	.2615340	.9266563
Stddev	.011891	.08210	.0005648	.0002277	.023617	.0021382	.0029317
%RSD	.3715423	.2734794	.3066381	2.966025	.3078419	.8175671	.3163705
#1	3.188470	29.96669	.1841366	.0074364	7.671536	.2591267	.9298012
#2	3.200873	29.97843	.1836506	.0078896	7.695775	.2632129	.9239990
#3	3.212245	30.11440	.1847766	.0077019	7.648546	.2622623	.9261687

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.87200	.0472591	.0026189	.0178342	5.276388	7.017634	6.245342
Stddev	.02027	.0008015	.0003241	.0014031	.005991	.013879	.038827
%RSD	.1706990	1.695900	12.37434	7.867341	.1135361	.1977745	.6216881
#1	11.86570	.0463514	.0028650	.0175711	5.276486	7.003273	6.215996
#2	11.89467	.0475567	.0022517	.0165813	5.270348	7.030975	6.230661
#3	11.85564	.0478692	.0027399	.0193502	5.282328	7.018654	6.289368

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-05 Acquired: 10/28/2024 20:18:36 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3603361	.0805461	-.087542
Stddev	.0027421	.0008957	.000437
%RSD	.7609949	1.112042	.4991528
#1	.3573568	.0798437	-.087042
#2	.3627543	.0815548	-.087853
#3	.3608970	.0802399	-.087730

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3346.998	74110.46	17295.15	2342.735	4212.574
Stddev	15.923	106.10	17.89	14.409	9.220
%RSD	.4757406	.1431590	.1034611	.6150389	.2188649
#1	3336.169	74000.50	17281.18	2326.156	4205.695
#2	3339.545	74118.67	17315.32	2352.233	4208.976
#3	3365.281	74212.21	17288.94	2349.815	4223.050

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV09 Acquired: 10/28/2024 20:22:42 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.195831	5.487139	5.037643	5.358564	5.271364	10.11432	9.832277
Stddev	.004562	.127140	.013187	.028273	.006553	.08852	.159132
%RSD	.0877978	2.317052	.2617670	.5276184	.1243107	.8752329	1.618463
#1	5.190990	5.502503	5.023773	5.364721	5.276220	10.17174	9.883586
#2	5.200050	5.605898	5.050020	5.383250	5.273960	10.15885	9.959424
#3	5.196452	5.353015	5.039136	5.327720	5.263910	10.01238	9.653820

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2488746	2.525560	24.35059	.9746176	2.519574	1.309443	4.933589
Stddev	.0031253	.003670	.27446	.0050719	.004584	.001443	.024936
%RSD	1.255789	.1453097	1.127111	.5203958	.1819259	.1101975	.5054268
#1	.2495520	2.521559	24.38456	.9788850	2.514321	1.309736	4.941600
#2	.2516056	2.528770	24.60649	.9759574	2.522759	1.307877	4.953535
#3	.2454660	2.526350	24.06074	.9690103	2.521643	1.310718	4.905633

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.334767	24.09722	2.527895	1.287073	25.45363	2.441910	2.621371
Stddev	.029652	.29186	.002431	.001270	.07892	.026157	.009714
%RSD	1.270014	1.211181	.0961619	.0986805	.3100415	1.071173	.3705730
#1	2.341160	24.13548	2.525109	1.285724	25.54473	2.455326	2.611537
#2	2.360701	24.36807	2.529583	1.287248	25.40635	2.458636	2.621614
#3	2.302440	23.78812	2.528994	1.288246	25.40981	2.411766	2.630961

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.23300	4.905938	5.377326	5.063403	4.813341	5.339040	5.321538
Stddev	.04532	.055856	.011459	.012502	.047729	.032223	.032978
%RSD	.1727785	1.138537	.2130969	.2469119	.9915885	.6035436	.6197093
#1	26.28475	4.931759	5.375787	5.060695	4.835782	5.302463	5.291136
#2	26.21389	4.944212	5.389476	5.077038	4.845714	5.351417	5.356597
#3	26.20036	4.841843	5.366714	5.052477	4.758528	5.363239	5.316881

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV09 Acquired: 10/28/2024 20:22:42 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV09 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.005777	4.812032	5.018973
Stddev	.013998	.052914	.036534
%RSD	.2796385	1.099629	.7279225
#1	5.003850	4.845746	5.047174
#2	5.020638	4.839305	5.032045
#3	4.992842	4.751045	4.977701

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.481	60640.79	12950.37	1944.609	4287.148
Stddev	2.133	43.94	125.18	10.975	6.258
%RSD	.0770021	.0724605	.9666416	.5643872	.1459731
#1	2771.496	60591.54	12895.97	1954.964	4294.208
#2	2771.918	60654.85	12861.58	1945.758	4284.956
#3	2768.030	60675.98	13093.54	1933.104	4282.282

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB09 Acquired: 10/28/2024 20:26:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000926	-.001134	-.000747	.0003736	-.000482	.0051282	-.002224
Stddev	.000234	.000911	.000882	.0013663	.001210	.0068830	.000453
%RSD	25.22006	80.36878	118.0759	365.7418	251.2618	134.2197	20.36137
#1	-.000780	-.001453	-.001328	.0019275	.000390	.0006027	-.002647
#2	-.000802	-.001842	-.001180	-.000168	-.001863	.0017326	-.002279
#3	-.001195	-.000106	.000268	-.000639	.000028	.0130492	-.001746

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000097	.0000307	.0022979	-.000191	.0001370	-.001028	-.012932
Stddev	.0000309	.0000308	.0055207	.000229	.0001623	.000253	.002105
%RSD	319.0937	100.0590	240.2523	119.6096	118.4655	24.61361	16.27443
#1	-.000002	-.000003	.0006702	-.000399	-.000040	-.001103	-.013980
#2	.000045	.000039	-.002226	.000054	.000279	-.000746	-.010509
#3	-.000013	.000057	.008449	-.000228	.000172	-.001234	-.014306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000112	.0011660	.0000373	.0004362	-.074966	-.000466	-.004663
Stddev	.000034	.0026934	.0000821	.0003819	.009029	.000481	.000324
%RSD	30.46312	230.9973	220.1736	87.55828	12.04460	103.3553	6.955063
#1	-.000099	-.000085	.0001297	.0004140	-.072367	-.000207	-.005028
#2	-.000087	-.000674	.0000097	.0008287	-.085009	-.001021	-.004407
#3	-.000151	.004257	-.000027	.0000658	-.067520	-.000169	-.004555

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163074	-.002835	.0001935	.0016560	.0005572	-.005938	-.001192
Stddev	.0164631	.000347	.0001627	.0002729	.0002862	.006045	.000156
%RSD	100.9545	12.23735	84.07259	16.48008	51.35832	101.8072	13.05583
#1	.0332420	-.002709	.0002337	.0015643	.0007947	-.001869	-.001173
#2	.0153200	-.002569	.0003324	.0014409	.0006373	-.012885	-.001047
#3	.0003603	-.003228	.0000145	.0019630	.0002395	-.003061	-.001356

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB09 Acquired: 10/28/2024 20:26:52 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB09 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001749	-.000469	.0000218
Stddev	.0024242	.000308	.0000232
%RSD	1386.286	65.72288	106.1403
#1	.0029469	-.000242	.0000437
#2	-.001548	-.000345	-.000002
#3	-.000874	-.000819	.000024

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.163	62342.53	13760.26	2068.304	4984.016
Stddev	8.655	78.94	17.16	10.555	7.326
%RSD	.2926682	.1266177	.1246777	.5103194	.1469914
#1	2960.914	62251.42	13773.26	2056.226	4984.738
#2	2963.309	62385.65	13766.72	2072.925	4990.954
#3	2947.266	62390.52	13740.82	2075.760	4976.356

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-09 Acquired: 10/28/2024 20:31:12 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710951	-.016441	.7451992	-.036547	.0017499	118.1817	.6150667
Stddev	.0014173	.001379	.0016289	.001141	.0007158	.2664	.0007777
%RSD	1.993502	8.387194	.2185786	3.121674	40.90376	.2254523	.1264469
#1	.0695382	-.015341	.7447972	-.037803	.0018784	117.9152	.6145800
#2	.0714367	-.017988	.7438090	-.035575	.0023928	118.1818	.6146564
#3	.0723104	-.015995	.7469914	-.036264	.0009786	118.4481	.6159636

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128814	.0299816	20.44675	.2881974	.1369326	.2185812	243.1023
Stddev	.0001106	.0001822	.08249	.0014996	.0004534	.0016244	.0965
%RSD	.8585400	.6076186	.4034157	.5203537	.3310969	.7431753	.0397031
#1	.0128090	.0297974	20.37215	.2864657	.1364329	.2184027	243.1061
#2	.0128264	.0299857	20.43278	.2890599	.1370473	.2170534	243.0039
#3	.0130087	.0301617	20.53533	.2890665	.1373176	.2202876	243.1968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.751010	45.72249	.2065623	.0100678	7.243543	.4461675	1.427659
Stddev	.022924	.26792	.0006556	.0003672	.032395	.0015139	.003968
%RSD	.4825126	.5859689	.3173789	3.646875	.4472228	.3393084	.2779619
#1	4.731727	45.47261	.2060969	.0096703	7.271523	.4444332	1.424313
#2	4.744945	45.68947	.2062779	.0101389	7.251053	.4468447	1.432043
#3	4.776356	46.00539	.2073120	.0103943	7.208053	.4472245	1.426620

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.72671	.0698362	.0078284	.0399919	8.614873	6.315016	7.832778
Stddev	.03728	.0023611	.0003184	.0005386	.023898	.011428	.017787
%RSD	.2929133	3.380959	4.066617	1.346650	.2774070	.1809691	.2270818
#1	12.75521	.0724150	.0076113	.0394421	8.590993	6.314485	7.812687
#2	12.74040	.0693134	.0076800	.0400153	8.614835	6.326700	7.846516
#3	12.68453	.0677804	.0081938	.0405184	8.638789	6.303862	7.839130

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4567-09 Acquired: 10/28/2024 20:31:12 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.066821	.1297290	-.109608
Stddev	.006105	.0012813	.000212
%RSD	.5722950	.9877030	.1936096
#1	1.064805	.1293947	-.109843
#2	1.073679	.1311443	-.109550
#3	1.061978	.1286479	-.109431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3524.758	76771.02	17989.46	2464.603	4142.349
Stddev	11.008	228.27	45.81	16.220	5.903
%RSD	.3122973	.2973379	.2546591	.6580986	.1425007
#1	3513.319	76557.30	18034.78	2448.742	4135.533
#2	3535.277	76744.27	17990.43	2463.907	4145.861
#3	3525.679	77011.48	17943.17	2481.159	4145.651

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-03 Acquired: 10/28/2024 20:35:16 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5169486	.0055059	3.051613	-.027136	.0108272	100.9733
Stddev	.0007017	.0012454	.004454	.001701	.0019957	.1990
%RSD	.1357313	22.62018	.1459647	6.270192	18.43276	.1971255
#1	.5163970	.0067435	3.047473	-.026936	.0119418	101.0466
#2	.5177384	.0042528	3.051042	-.028929	.0120166	100.7481
#3	.5167105	.0055215	3.056326	-.025543	.0085231	101.1254

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.199233	.0079854	.0367221	30.18106	1.577080	.1100049
Stddev	.003765	.0000657	.0001727	.09203	.002432	.0003640
%RSD	.3139728	.8230190	.4704018	.3049288	.1542038	.3308773
#1	1.202616	.0079332	.0365315	30.08013	1.574282	.1097427
#2	1.199906	.0080592	.0368684	30.20270	1.578272	.1098515
#3	1.195177	.0079638	.0367664	30.26034	1.578686	.1104204

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.567797	239.0499	2.413960	45.60116	.5163026	.0307717
Stddev	.005855	.9781	.001452	.16555	.0008036	.0002653
%RSD	.1641058	.4091510	.0601513	.3630411	.1556512	.8622642
#1	3.561490	238.2882	2.415195	45.48377	.5153774	.0306377
#2	3.573060	240.1529	2.414325	45.52920	.5168265	.0306001
#3	3.568841	238.7085	2.412360	45.79051	.5167040	.0310773

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.09379	.2710584	4.437054	17.82818	.1347562	.0081916
Stddev	.24597	.0002855	.008224	.11242	.0030245	.0005298
%RSD	.6291797	.1053260	.1853435	.6305805	2.244396	6.467642
#1	39.05867	.2713871	4.440034	17.78985	.1345706	.0086479
#2	39.35543	.2709159	4.443373	17.95476	.1378693	.0083163
#3	38.86726	.2708721	4.427756	17.73994	.1318289	.0076105

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-03 Acquired: 10/28/2024 20:35:16 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.497355	2.779956	F 12.52033	F 16.99368	F 83.58905	.1625658
Stddev	.011380	.002530	.04451	.07334	.52107	.0015815
%RSD	.4556904	.0910212	.3555408	.4315887	.6233681	.9728675
#1	2.484363	2.782655	12.47524	16.91091	83.00027	.1624623
#2	2.505562	2.779576	12.56425	17.01958	83.99075	.1641966
#3	2.502138	2.777638	12.52149	17.05057	83.77614	.1610386

Elem	Sr4077
Units	ppm
Avg	-.003803
Stddev	.001242
%RSD	32.66877
#1	-.002517
#2	-.004996
#3	-.003895

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3087.965	69049.48	16148.22	2169.906	4121.054
Stddev	3.728	236.12	49.48	14.384	6.756
%RSD	.1207177	.3419520	.3064400	.6628995	.1639291
#1	3090.910	68982.97	16091.29	2163.357	4128.770
#2	3083.774	68853.75	16172.44	2159.961	4116.203
#3	3089.211	69311.71	16180.93	2186.399	4118.189

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-04 Acquired: 10/28/2024 20:39:20 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8847635	.0152711	5.648079	-.022526	.0131286	101.8945
Stddev	.0066980	.0029013	.009438	.001174	.0015737	.2699
%RSD	.7570443	18.99886	.1670948	5.209802	11.98708	.2649242
#1	.8915761	.0186212	5.643340	-.023366	.0143313	101.5837
#2	.8845283	.0135790	5.658947	-.023026	.0113475	102.0292
#3	.8781862	.0136131	5.641950	-.021185	.0137070	102.0706

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.145045	.0079434	.0494436	38.40838	F 2.276156	.1101401
Stddev	.000722	.0000914	.0002247	.17311	.004728	.0001474
%RSD	.0336541	1.151059	.4544642	.4507133	.2077368	.1338700
#1	2.145685	.0078917	.0496814	38.23041	2.270885	.1103024
#2	2.144263	.0078895	.0494145	38.57618	2.277560	.1101035
#3	2.145189	.0080489	.0492349	38.41856	2.280024	.1100144

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.330950	235.9523	2.179692	45.78666	.6763611	.0535105
Stddev	.019590	.5996	.006756	.27897	.0009641	.0003216
%RSD	.3674825	.2541334	.3099641	.6092797	.1425481	.6010457
#1	5.350601	235.5640	2.173733	45.49939	.6758492	.0532028
#2	5.330829	236.6429	2.187032	46.05651	.6774732	.0538444
#3	5.311421	235.6500	2.178309	45.80407	.6757609	.0534844

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.26573	.2644918	7.108096	17.76162	.1297873	.0127577
Stddev	.17590	.0024197	.026216	.03692	.0013782	.0000746
%RSD	.3973823	.9148411	.3688141	.2078367	1.061855	.5847009
#1	44.46841	.2628809	7.096984	17.79939	.1312031	.0128241
#2	44.15295	.2672743	7.089267	17.72562	.1297084	.0127719
#3	44.17581	.2633202	7.138038	17.75984	.1284502	.0126770

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-04 Acquired: 10/28/2024 20:39:20 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.613844	2.761502	F 13.48794	F 20.09592	F 93.56364	.1655481
Stddev	.018330	.005564	.01341	.11275	.60370	.0007283
%RSD	.3972856	.2014920	.0994219	.5610818	.6452287	.4399076
#1	4.624954	2.756960	13.47988	20.15642	94.13837	.1655177
#2	4.623890	2.767709	13.50342	20.16550	93.61792	.1648355
#3	4.592687	2.759837	13.48051	19.96582	92.93463	.1662911

Elem	Sr4077
Units	ppm
Avg	.1200643
Stddev	.0005565
%RSD	.4635196
#1	.1203455
#2	.1194233
#3	.1204242

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.108	68083.64	15947.79	2111.515	4079.045
Stddev	17.132	154.68	37.33	10.233	14.122
%RSD	.5676328	.2271981	.2341053	.4846395	.3462116
#1	2998.712	67939.52	15969.28	2099.761	4063.431
#2	3024.439	68064.34	15904.67	2118.439	4082.781
#3	3031.173	68247.08	15969.41	2116.345	4090.924

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-05 Acquired: 10/28/2024 20:43:21 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218734	.0039092	.1161422	-.032017	.0030381	63.23619	.3241126
Stddev	.0020817	.0024761	.0018099	.001399	.0014261	1.90273	.0104386
%RSD	9.517259	63.34041	1.558360	4.370427	46.93950	3.008924	3.220673
#1	.0216264	.0013393	.1159711	-.033191	.0044489	61.04209	.3120606
#2	.0240676	.0062794	.1180316	-.030468	.0030681	64.43246	.3302977
#3	.0199261	.0041089	.1144240	-.032391	.0015972	64.23401	.3299797

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062243	.0167137	85.38655	.1793193	.0855563	.1958241	198.6943
Stddev	.0001464	.0005057	2.70561	.0004205	.0005433	.0032712	1.6439
%RSD	2.352425	3.025657	3.168663	.2344879	.6349822	1.670480	.8273489
#1	.0060563	.0172015	82.26548	.1794800	.0859786	.1992877	196.7964
#2	.0063250	.0167477	87.06763	.1788422	.0857469	.1953972	199.6131
#3	.0062916	.0161918	86.82654	.1796358	.0849434	.1927872	199.6733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.949209	44.50064	.1852070	.0079980	14.82117	.1774715	.5215000
Stddev	.099133	1.38594	.0010866	.0002523	.09298	.0069572	.0038813
%RSD	3.361346	3.114424	.5866787	3.154007	.6273684	3.920180	.7442574
#1	2.834826	42.90124	.1855568	.0077128	14.71408	.1694451	.5235233
#2	3.010253	45.34805	.1860756	.0080895	14.86811	.1817769	.5170251
#3	3.002547	45.25262	.1839886	.0081918	14.88134	.1811925	.5239516

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.03182	.0878621	.0057888	.0374965	1.969205	9.658497	5.384927
Stddev	.09602	.0012373	.0002572	.0008421	.061678	.052169	.005032
%RSD	.6843230	1.408271	4.442713	2.245671	3.132132	.5401382	.0934381
#1	13.92217	.0892864	.0055273	.0374104	1.898054	9.598645	5.381284
#2	14.07244	.0872479	.0057978	.0383783	2.007476	9.694330	5.390668
#3	14.10086	.0870521	.0060414	.0367009	2.002087	9.682518	5.382828

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-05 Acquired: 10/28/2024 20:43:21 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	8.882602	.1265943	-.038901
Stddev	.024328	.0059750	.003541
%RSD	.2738888	4.719798	9.101975
#1	8.866947	.1197007	-.042980
#2	8.910630	.1297974	-.036622
#3	8.870229	.1302848	-.037100

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3009.732	66726.51	15318.04	2108.660	4166.447
Stddev	20.611	363.99	320.70	17.739	29.735
%RSD	.6848045	.5454906	2.093631	.8412329	.7136661
#1	2990.412	66306.26	15686.17	2090.267	4139.617
#2	3007.356	66942.16	15099.17	2125.662	4161.308
#3	3031.428	66931.10	15168.77	2110.050	4198.416

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-07 Acquired: 10/28/2024 20:47:26 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0376173	.0026960	.1909074	-.032370	.0018030	75.98260
Stddev	.0024488	.0031995	.0013934	.001796	.0008851	3.73369
%RSD	6.509776	118.6748	.7298793	5.548225	49.09186	4.913871
#1	.0395202	-.000239	.1908173	-.034346	.0007812	71.67249
#2	.0384771	.002220	.1923436	-.031927	.0022918	78.22510
#3	.0348545	.006107	.1895612	-.030837	.0023358	78.05021

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4542772	.0070335	.0197930	82.34886	.2525600	.0985915
Stddev	.0193995	.0001932	.0003246	3.82713	.0004329	.0004562
%RSD	4.270400	2.747332	1.639750	4.647463	.1713921	.4627237
#1	.4318784	.0068114	.0201540	77.93756	.2521648	.0991021
#2	.4652342	.0071629	.0196995	84.32590	.2530226	.0984483
#3	.4657190	.0071262	.0195254	84.78313	.2524927	.0982241

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2489478	211.1081	2.454344	44.04704	.2029681	.0081836
Stddev	.0029659	3.0429	.108820	2.15452	.0002637	.0005262
%RSD	1.191392	1.441391	4.433765	4.891405	.1299413	6.429947
#1	.2523689	207.6870	2.329272	41.56017	.2027266	.0075953
#2	.2473752	212.1252	2.506413	45.23088	.2032495	.0086094
#3	.2470994	213.5122	2.527346	45.35007	.2029281	.0083460

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.71977	.2190208	.5544573	16.30185	.0979211	.0077803
Stddev	.16128	.0100001	.0006036	.12888	.0023921	.0002476
%RSD	.9645957	4.565833	.1088691	.7906127	2.442852	3.183095
#1	16.53358	.2076478	.5550451	16.15303	.1002879	.0077888
#2	16.81618	.2229772	.5538390	16.37670	.0979710	.0075284
#3	16.80954	.2264374	.5544880	16.37582	.0955045	.0080235

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4578-07 Acquired: 10/28/2024 20:47:26 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0847496	2.382280	F 11.17888	6.808222	F 21.10305	.1326921
Stddev	.0009010	.112475	.26865	.009805	.05085	.0053462
%RSD	1.063182	4.721325	2.403211	.1440145	.2409710	4.029022
#1	.0857876	2.252437	10.86937	6.811040	21.10454	.1265243
#2	.0841691	2.444675	11.35171	6.797317	21.15314	.1360002
#3	.0842920	2.449727	11.31557	6.816310	21.05146	.1355519

Elem	Sr4077
Units	ppm
Avg	-.032097
Stddev	.004823
%RSD	15.02625
#1	-.037622
#2	-.028727
#3	-.029943

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3138.787	68758.22	16177.57	2213.150	4141.165
Stddev	4.093	56.59	526.27	1.475	5.743
%RSD	.1304018	.0823051	3.253091	.0666437	.1386731
#1	3136.201	68823.53	16785.08	2212.635	4135.888
#2	3143.506	68723.62	15886.82	2212.001	4147.281
#3	3136.653	68727.52	15860.83	2214.813	4140.326

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-09DLX5 Acquired: 10/28/2024 20:59:53 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195594	-.009708	.2080150	-.011804	.0016349	42.23264
Stddev	.0030448	.001150	.0020053	.000594	.0011079	1.11103
%RSD	15.56676	11.84849	.9640283	5.032657	67.76611	2.630743
#1	.0161335	-.008571	.2090375	-.012479	.0027042	43.51147
#2	.0219562	-.010871	.2093029	-.011363	.0017086	41.68172
#3	.0205886	-.009680	.2057045	-.011569	.0004920	41.50472

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3721938	.0018618	.0049314	463.3426	.5673808	.0250731
Stddev	.0106222	.0000371	.0000473	11.4607	.0024754	.0001452
%RSD	2.853930	1.991351	.9591286	2.473489	.4362896	.5792684
#1	.3844240	.0019045	.0048971	476.5682	.5684812	.0252317
#2	.3668825	.0018432	.0049116	457.1311	.5645459	.0250410
#3	.3652749	.0018378	.0049853	456.3286	.5691152	.0249466

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.191473	52.39582	1.599973	28.39210	.1681884	.0022823
Stddev	.002395	.44354	.043691	.68694	.0002509	.0001127
%RSD	.2009754	.8465197	2.730713	2.419486	.1491634	4.938726
#1	1.193458	52.90166	1.649894	29.17529	.1684781	.0023931
#2	1.192147	52.21230	1.581320	28.10934	.1680485	.0022862
#3	1.188813	52.07348	1.568705	27.89167	.1680388	.0021678

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.270063	.2298351	1.075600	10.86774	.0335314	.0612111
Stddev	.013836	.0065269	.007276	.06548	.0000365	.0003957
%RSD	1.089388	2.839816	.6765014	.6025530	.1088908	.6464772
#1	1.283463	.2373627	1.083961	10.94305	.0335359	.0616645
#2	1.255829	.2257519	1.070701	10.83595	.0335655	.0609348
#3	1.270898	.2263908	1.072137	10.82422	.0334929	.0610341

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-09DLX5 Acquired: 10/28/2024 20:59:53 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115585	2.983061	F 16.32270	2.033041	F 13.67233	.1480098
Stddev	.0016583	.080529	.16866	.006480	.09174	.0038467
%RSD	14.34721	2.699541	1.033259	.3187157	.6709615	2.598974
#1	.0131121	3.075672	16.51452	2.031403	13.76830	.1522718
#2	.0117510	2.943994	16.25590	2.040183	13.66317	.1469621
#3	.0098123	2.929518	16.19768	2.027538	13.58551	.1447953

Elem	Sr4077
Units	ppm
Avg	.2604497
Stddev	.0078749
%RSD	3.023564
#1	.2695354
#2	.2562253
#3	.2555885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2683.088	58327.97	13779.14	1865.722	3859.617
Stddev	11.621	255.40	318.88	12.554	15.892
%RSD	.4331389	.4378671	2.314232	.6728968	.4117431
#1	2675.479	58041.89	13414.70	1852.481	3848.653
#2	2677.319	58408.97	13915.79	1867.233	3852.356
#3	2696.465	58533.04	14006.92	1877.453	3877.842

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-11DLX5 Acquired: 10/28/2024 21:04:11 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178361	-.008539	.1939595	-.012520	.0027786	37.26865
Stddev	.0010812	.002521	.0018876	.000582	.0008298	.46051
%RSD	6.062020	29.52226	.9731800	4.650313	29.86272	1.235659
#1	.0166890	-.010654	.1948658	-.012249	.0018351	37.79910
#2	.0188364	-.009213	.1952230	-.012122	.0031059	36.97127
#3	.0179829	-.005749	.1917897	-.013188	.0033948	37.03557

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3170011	.0017296	.0044172	424.0957	.4717877	.0222959
Stddev	.0035721	.0000347	.0001190	2.6370	.0071617	.0000821
%RSD	1.126838	2.007423	2.693926	.6218005	1.517988	.3682634
#1	.3210612	.0016944	.0045396	426.2405	.4642364	.0223255
#2	.3156006	.0017306	.0043019	421.1514	.4784828	.0223591
#3	.3143414	.0017638	.0044101	424.8952	.4726439	.0222031

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.393003	52.56849	1.455334	24.20258	.1414775	.0031577
Stddev	.008911	.59019	.011305	.19451	.0010644	.0001676
%RSD	.6396905	1.122702	.7767768	.8036576	.7523346	5.306043
#1	1.402328	52.18321	1.468379	24.42117	.1427033	.0032956
#2	1.384574	53.24795	1.449239	24.04861	.1409421	.0029712
#3	1.392107	52.27432	1.448385	24.13795	.1407871	.0032063

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.026768	.2087333	1.189838	7.185076	.0329805	.0546223
Stddev	.012314	.0014237	.011302	.068340	.0014469	.0002202
%RSD	1.199327	.6820713	.9499018	.9511364	4.387192	.4030332
#1	1.016761	.2103360	1.177914	7.155973	.0314537	.0547652
#2	1.040520	.2082489	1.200394	7.263150	.0343314	.0547330
#3	1.023024	.2076149	1.191206	7.136106	.0331565	.0543688

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: P4574-11DLX5 Acquired: 10/28/2024 21:04:11 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104858	2.537776	F 20.63958	1.287750	F 12.93230	.1289995
Stddev	.0008434	.030364	.17168	.008335	.10507	.0035911
%RSD	8.043592	1.196489	.8317912	.6472860	.8124748	2.783790
#1	.0111088	2.572810	20.51489	1.295543	13.05351	.1328573
#2	.0095260	2.521478	20.83539	1.278961	12.86721	.1257539
#3	.0108226	2.519041	20.56846	1.288746	12.87617	.1283873

Elem	Sr4077
Units	ppm
Avg	.2492526
Stddev	.0042925
%RSD	1.722155
#1	.2542056
#2	.2469392
#3	.2466131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2694.120	56850.43	13647.51	1868.798	3916.935
Stddev	19.609	662.48	96.85	12.585	23.136
%RSD	.7278625	1.165310	.7096834	.6734363	.5906656
#1	2673.192	57419.52	13537.05	1879.292	3890.950
#2	2712.070	56123.18	13717.87	1854.845	3935.299
#3	2697.100	57008.59	13687.63	1872.258	3924.557

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164415BL Acquired: 10/28/2024 21:08:29 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001505	-.001892	-.000055	-.000272	-.000617	.0063309	-.002996
Stddev	.001733	.000373	.000146	.001218	.000492	.0022318	.000109
%RSD	115.1031	19.69877	264.7271	448.4678	79.72639	35.25245	3.646213
#1	-.002893	-.002322	-.000209	.000986	-.000547	.0061142	-.003026
#2	-.002061	-.001697	-.000040	-.000356	-.001139	.0042153	-.003088
#3	.000437	-.001658	.000083	-.001446	-.000164	.0086631	-.002875

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000399	-.000023	.0070921	-.000622	.0000892	-.001166	-.010768
Stddev	.0000224	.000028	.0070014	.000373	.0000673	.000102	.002346
%RSD	55.99034	123.4343	98.72056	59.99294	75.48656	8.749852	21.78871
#1	.0000358	-.000004	.0085283	-.000641	.0000172	-.001271	-.008517
#2	.0000200	-.000010	.0132640	-.000986	.0000999	-.001067	-.010587
#3	.0000641	-.000055	-.000516	-.000240	.0001505	-.001160	-.013199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000224	.0033222	.0001263	.0004282	-.098357	-.000644	-.004739
Stddev	.000069	.0073825	.0001473	.0001285	.006223	.001697	.000210
%RSD	30.71283	222.2203	116.6177	30.00214	6.326535	263.5521	4.435214
#1	-.000295	-.002021	.0001919	.0004393	-.104580	-.000251	-.004528
#2	-.000220	.000241	-.000042	.0002946	-.098357	.000822	-.004742
#3	-.000158	.011746	.000229	.0005508	-.092134	-.002503	-.004948

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001483	-.006730	-.000117	-.001439	.0007305	-.001978	-.003115
Stddev	.011261	.000145	.000203	.000323	.0004310	.004125	.001994
%RSD	759.1217	2.154683	173.2917	22.43088	59.00408	208.5444	64.01812
#1	-.014134	-.006896	-.000347	-.001802	.0007493	-.003185	-.003898
#2	.002236	-.006666	-.000044	-.001187	.0002904	.002616	-.004599
#3	.007447	-.006627	.000039	-.001326	.0011519	-.005366	-.000848

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164415BL Acquired: 10/28/2024 21:08:29 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0011627	-.001836	-.000014
Stddev	.0006009	.000033	.000013
%RSD	51.68206	1.781347	89.81472
#1	.0009277	-.001873	-.000025
#2	.0007148	-.001810	-.000018
#3	.0018456	-.001826	-.000000

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2942.424	64205.37	13778.19	2085.065	4965.242
Stddev	5.156	132.90	46.15	16.076	12.267
%RSD	.1752336	.2069900	.3349413	.7710310	.2470653
#1	2937.001	64211.66	13745.24	2088.385	4952.658
#2	2947.264	64069.43	13830.93	2067.587	4977.166
#3	2943.008	64335.00	13758.39	2099.222	4965.901

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164415BS Acquired: 10/28/2024 21:12:49 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7654839	2.010655	.9422752	1.983799	.8190137	1.970156
Stddev	.0011037	.010758	.0006701	.000176	.0022057	.014978
%RSD	.1441827	.5350721	.0711180	.0088907	.2693104	.7602519
#1	.7654288	2.012543	.9415599	1.983611	.8214293	1.967934
#2	.7666141	2.020344	.9428885	1.983823	.8171069	1.956413
#3	.7644088	1.999077	.9423771	1.983961	.8185048	1.986121

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1900490	.1962182	.1857477	1.000872	.3982695	.1996142
Stddev	.0010895	.0008226	.0001898	.008265	.0021503	.0004134
%RSD	.5732971	.4192540	.1021860	.8258174	.5399218	.2070992
#1	.1905185	.1964677	.1857251	1.008247	.3960911	.1996191
#2	.1888034	.1952997	.1859478	.991938	.3983267	.2000252
#3	.1908250	.1968873	.1855702	1.002430	.4003907	.1991984

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3230659	2.960086	.1867397	1.861682	.5019837	.0786442
Stddev	.0004705	.009985	.0008550	.024675	.0005433	.0002167
%RSD	.1456484	.3373361	.4578517	1.325396	.1082393	.2755897
#1	.3233418	2.948876	.1862560	1.876177	.5021843	.0785003
#2	.3225226	2.963352	.1862363	1.833192	.5013685	.0788934
#3	.3233332	2.968029	.1877269	1.875678	.5023981	.0785387

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.870003	.2856591	.2138848	10.34570	.2790266	.4344742
Stddev	.008415	.0017824	.0001284	.01270	.0017229	.0005507
%RSD	.2932170	.6239648	.0600215	.1227883	.6174708	.1267522
#1	2.863591	.2868741	.2137997	10.36035	.2806352	.4342900
#2	2.879532	.2836130	.2138223	10.33776	.2772085	.4340393
#3	2.866885	.2864904	.2140325	10.33898	.2792361	.4350934

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: PB164415BS Acquired: 10/28/2024 21:12:49 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6821464	.1874332	F .6963158	5.847240	F -.009055	.1804694
Stddev	.0021330	.0011565	.0069146	.017112	.004400	.0010082
%RSD	.3126925	.6170107	.9930298	.2926584	48.59427	.5586441
#1	.6825748	.1885244	.6912915	5.865582	-.008025	.1809447
#2	.6840328	.1862209	.6934541	5.831703	-.005261	.1793114
#3	.6798317	.1875543	.7042019	5.844435	-.013879	.1811520

Elem	Sr4077
Units	ppm
Avg	.1974786
Stddev	.0008043
%RSD	.4073016
#1	.1980943
#2	.1965686
#3	.1977729

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2896.173	63228.36	13627.68	2049.871	4748.848
Stddev	1.623	91.94	78.17	4.377	4.079
%RSD	.0560356	.1454133	.5736133	.2135275	.0858978
#1	2894.751	63333.11	13574.17	2044.942	4749.189
#2	2897.941	63190.94	13717.39	2053.305	4744.610
#3	2895.826	63161.02	13591.49	2051.365	4752.747

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV10 Acquired: 10/28/2024 21:21:37 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.176071	5.327288	4.981549	5.328918	5.274814	9.999214	9.836073
Stddev	.011911	.089943	.011019	.019608	.007457	.051692	.073080
%RSD	.2301260	1.688340	.2211899	.3679584	.1413722	.5169608	.7429834
#1	5.162414	5.224456	4.984726	5.306297	5.266203	9.939921	9.826993
#2	5.184308	5.366102	4.969290	5.339400	5.279185	10.03480	9.913269
#3	5.181493	5.391307	4.990629	5.341058	5.279054	10.02292	9.767957

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2422611	2.496491	23.86395	.9666611	2.498848	1.302085	4.864932
Stddev	.0007150	.006564	.18013	.0027681	.005300	.000934	.012809
%RSD	.2951577	.2629242	.7548093	.2863570	.2120847	.0717341	.2633001
#1	.2416620	2.497640	23.65729	.9663268	2.500620	1.301196	4.852511
#2	.2430527	2.489429	23.98769	.9640753	2.492890	1.303058	4.864189
#3	.2420686	2.502405	23.94685	.9695812	2.503035	1.302001	4.878097

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.305000	23.61554	2.504897	1.268643	25.67050	2.417679	2.598467
Stddev	.016721	.22475	.004576	.003744	.01546	.016241	.008968
%RSD	.7254294	.9516958	.1826973	.2951077	.0602377	.6717437	.3451194
#1	2.287083	23.35671	2.505420	1.270935	25.68728	2.398931	2.592345
#2	2.320189	23.72859	2.500081	1.264323	25.65683	2.427413	2.594295
#3	2.307729	23.76132	2.509189	1.270671	25.66739	2.426694	2.608760

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.33954	4.812074	5.362867	4.999235	4.777671	5.325009	5.196859
Stddev	.05557	.013584	.012990	.012989	.030883	.080926	.024870
%RSD	.2109574	.2822968	.2422152	.2598148	.6463972	1.519726	.4785674
#1	26.36894	4.798318	5.349267	4.990572	4.751189	5.245047	5.178795
#2	26.27545	4.825480	5.364189	4.992964	4.811595	5.323116	5.186557
#3	26.37424	4.812424	5.375145	5.014170	4.770230	5.406865	5.225225

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV10 Acquired: 10/28/2024 21:21:37 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV10 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.910519	4.858831	4.967428
Stddev	.032669	.037223	.016957
%RSD	.6652916	.7660966	.3413632
#1	4.877098	4.855181	4.948914
#2	4.912079	4.897745	4.982204
#3	4.942380	4.823568	4.971166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2760.346	61246.19	13118.94	1953.154	4290.662
Stddev	5.388	212.60	54.64	3.719	4.420
%RSD	.1952069	.3471238	.4165339	.1904237	.1030182
#1	2761.191	61224.48	13175.51	1953.873	4286.348
#2	2754.585	61468.81	13066.45	1956.462	4290.456
#3	2765.262	61045.28	13114.85	1949.128	4295.181

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB10 Acquired: 10/28/2024 21:25:48 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007120	-.000992	.0004308	-.000416	.0007289	.0070118	-.003527
Stddev	.0029430	.002118	.0002653	.001497	.0005528	.0018541	.000447
%RSD	413.3528	213.5363	61.58718	360.1296	75.83620	26.44315	12.66878
#1	-.001570	-.003425	.0001398	-.001618	.0002339	.0048794	-.003681
#2	.004034	.000439	.0004932	.001261	.0013254	.0079122	-.003877
#3	-.000328	.000011	.0006593	-.000891	.0006274	.0082438	-.003024

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000448	.0000618	-.000711	-.000425	.0000604	-.001246	-.014850
Stddev	.0000090	.0000280	.002572	.000200	.0000621	.000207	.001710
%RSD	20.00832	45.28610	361.9385	47.04594	102.8216	16.58440	11.51270
#1	.0000413	.0000934	-.003017	-.000214	.0001295	-.001306	-.012912
#2	.0000381	.0000522	.002063	-.000612	.0000422	-.001016	-.015494
#3	.0000550	.0000399	-.001178	-.000448	.0000094	-.001416	-.016144

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000106	.0029552	.0001963	.0007397	-.096129	-.000072	-.004773
Stddev	.000149	.0069566	.0002842	.0001796	.002969	.000608	.000223
%RSD	140.7340	235.4037	144.7726	24.28398	3.088955	842.5792	4.673567
#1	-.000271	.0052263	.0005220	.0007767	-.095413	.000390	-.004549
#2	.000017	.0084924	.0000688	.0008980	-.099391	.000155	-.004776
#3	-.000064	-.004853	-.000002	.0005445	-.093584	-.000761	-.004995

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089117	-.000849	.0002740	.0016410	.0006360	-.009859	-.000556
Stddev	.0241394	.000319	.0001193	.0004369	.0003015	.003595	.001987
%RSD	270.8721	37.59899	43.55069	26.62165	47.40099	36.47015	357.2982
#1	-.005179	-.000564	.0003689	.0015973	.0006236	-.010179	-.001374
#2	.036785	-.001194	.0003129	.0020981	.0009435	-.006113	.001709
#3	-.004871	-.000788	.0001400	.0012276	.0003409	-.013283	-.002004

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB10 Acquired: 10/28/2024 21:25:48 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB10 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002768	-.001422	.0000459
Stddev	.002953	.000992	.0000171
%RSD	106.6817	69.74043	37.19523
#1	-.002829	-.000293	.0000649
#2	.000215	-.001824	.0000409
#3	-.005691	-.002150	.0000319

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2981.116	65535.57	13816.68	2115.367	5034.564
Stddev	8.174	8.12	17.56	3.276	12.216
%RSD	.2742040	.0123888	.1271275	.1548461	.2426525
#1	2971.696	65544.75	13801.61	2118.559	5020.480
#2	2986.343	65529.32	13812.46	2112.014	5040.916
#3	2985.309	65532.64	13835.97	2115.530	5042.295

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: LR1 Acquired: 10/28/2024 21:29:46 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093370	.0292932	.0474201	-.199053	.0018948	2141.863	.0144257
Stddev	.0081780	.0053929	.0005772	.001594	.0037145	5.948	.0004057
%RSD	87.58663	18.41008	1.217292	.8009605	196.0390	.2776985	2.812224
#1	.0022173	.0233097	.0471236	-.200165	-.000518	2146.705	.0144223
#2	.0182692	.0337790	.0470514	-.197226	.006172	2143.661	.0148330
#3	.0075247	.0307908	.0480854	-.199767	.000030	2135.224	.0140217

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088515	.1480712	1809.129	.0053276	.0436920	.1295618	1006.551
Stddev	.0001464	.0007240	13.839	.0008624	.0003014	.0071305	11.271
%RSD	1.653563	.4889323	.7649346	16.18675	.6899418	5.503570	1.119813
#1	.0086830	.1482145	1824.672	.0044913	.0435824	.1232146	1016.797
#2	.0089253	.1472864	1804.573	.0052777	.0434607	.1281935	1008.377
#3	.0089464	.1487129	1798.143	.0062138	.0440329	.1372774	994.477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.066641	1659.451	.0251001	.0099569	2142.024	.0412773	.2504221
Stddev	.001057	19.609	.0004951	.0023883	20.362	.0021043	.0010462
%RSD	1.585391	1.181662	1.972520	23.98585	.9506052	5.097907	.4177546
#1	-.067745	1681.805	.0248651	.0113256	2134.592	.0426059	.2516184
#2	-.065640	1651.394	.0247662	.0113460	2126.422	.0423748	.2499695
#3	-.066537	1645.154	.0256689	.0071992	2165.059	.0388512	.2496785

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1350.774	.0505600	-.004737	.0167773	-.039864	.1556174	.0928049
Stddev	32.860	.0133654	.000902	.0040035	.000253	.0153308	.0054728
%RSD	2.432716	26.43478	19.04074	23.86271	.6345148	9.851571	5.897145
#1	1386.767	.0611873	-.005340	.0157814	-.039854	.1730823	.0865565
#2	1343.179	.0549381	-.003700	.0211847	-.040122	.1493881	.0951105
#3	1322.376	.0355546	-.005172	.0133657	-.039617	.1443818	.0967477

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: LR1 Acquired: 10/28/2024 21:29:46 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.186019	.5530118	-.994125
Stddev	.006162	.0033323	.011281
%RSD	3.312809	.6025808	1.134751
#1	-.184608	.5517520	-1.00436
#2	-.192765	.5567904	-.99599
#3	-.180685	.5504930	-.98203

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1702.532	39457.98	10646.04	1217.520	2339.800
Stddev	1.632	43.49	24.93	4.157	3.277
%RSD	.0958656	.1102064	.2341394	.3414158	.1400639
#1	1700.723	39432.47	10633.95	1215.041	2336.185
#2	1702.976	39508.19	10674.71	1215.199	2340.638
#3	1703.895	39433.29	10629.47	1222.319	2342.577

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: LR2 Acquired: 10/28/2024 21:34:43 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142423	-.035808	228.4847	.0039144	-.004139	.1071243	^F *****
Stddev	.0006641	.001695	.7405	.0019315	.000626	.0097649	-----
%RSD	4.663120	4.734345	.3241048	49.34436	15.12488	9.115462	-----
#1	.0141322	-.037582	228.6617	.0052862	-.003717	.1014762	^ -----
#2	.0149546	-.034204	227.6717	.0017055	-.004858	.1014969	^ -----
#3	.0136401	-.035638	229.1206	.0047515	-.003841	.1183998	^ -----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002087	-.007009	.2398287	.0137363	-.038391	237.2837	.0138815
Stddev	.000036	.000016	.0090328	.0002738	.000710	2.6032	.0038057
%RSD	1.730919	.2337028	3.766338	1.993475	1.848602	1.097069	27.41531
#1	-.002128	-.007019	.2309702	.0139401	-.037918	240.0441	.0138778
#2	-.002065	-.006990	.2394896	.0134251	-.039207	234.8731	.0100777
#3	-.002066	-.007019	.2490262	.0138438	-.038048	236.9340	.0176890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	46.09712	-.008461	46.76274	.0036225	.5656002	-.015567	37.32735
Stddev	.24853	.009035	.10253	.0003131	.0609362	.000240	.27973
%RSD	.5391363	106.7842	.2192520	8.642995	10.77373	1.539925	.7494080
#1	46.13762	-.015209	46.75520	.0036830	.6297786	-.015412	37.08772
#2	46.32291	-.011978	46.66419	.0039009	.5584925	-.015843	37.63474
#3	45.83083	.001804	46.86883	.0032836	.5085295	-.015446	37.25958

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9266823	-.004402	-.006318	-.006037	-.042684	-.014858	1.212141
Stddev	.0855129	.000849	.000217	.000531	.000660	.004206	.009131
%RSD	9.227855	19.28368	3.438978	8.796519	1.546704	28.30392	.7533172
#1	1.022004	-.003756	-.006078	-.005836	-.043442	-.018440	1.221673
#2	.901331	-.005364	-.006378	-.006639	-.042373	-.015907	1.203471
#3	.856711	-.004086	-.006500	-.005635	-.042236	-.010228	1.211278

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: LR2 Acquired: 10/28/2024 21:34:43 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.059672	-.001478	.0020284
Stddev	.005233	.000268	.0000226
%RSD	8.768829	18.15065	1.116362
#1	-.063255	-.001273	.0020072
#2	-.062095	-.001782	.0020523
#3	-.053668	-.001379	.0020256

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.944	61141.56	13900.52	1856.869	4475.192
Stddev	6.060	111.73	12.21	22.081	6.530
%RSD	.2409550	.1827421	.0878426	1.189148	.1459199
#1	2509.440	61107.86	13895.11	1854.531	4472.577
#2	2521.438	61050.56	13891.94	1836.050	4482.624
#3	2513.954	61266.26	13914.50	1880.026	4470.374

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV11 Acquired: 10/28/2024 21:38:50 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.221699	5.169944	4.966999	5.378562	5.339311	10.06635	10.06879
Stddev	.002224	.039639	.007759	.003799	.008523	.02504	.12795
%RSD	.0425947	.7667131	.1562208	.0706279	.1596294	.2487602	1.270767
#1	5.224267	5.133201	4.975933	5.381940	5.349152	10.07738	10.16629
#2	5.220455	5.164679	4.961944	5.374450	5.334478	10.03768	10.11619
#3	5.220376	5.211952	4.963120	5.379296	5.334303	10.08397	9.92391

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2443472	2.484963	23.83784	.9695926	2.490168	1.323020	4.974102
Stddev	.0015256	.001544	.06803	.0028722	.002512	.002711	.023392
%RSD	.6243612	.0621534	.2853667	.2962258	.1008663	.2048822	.4702681
#1	.2460655	2.486736	23.85183	.9664621	2.493068	1.323380	4.947092
#2	.2431518	2.483904	23.76390	.9702095	2.488660	1.325532	4.987617
#3	.2438244	2.484250	23.89778	.9721062	2.488777	1.320147	4.987597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.329483	23.62257	2.499170	1.288292	25.93015	2.440026	2.541016
Stddev	.011109	.09793	.001827	.001582	.06770	.001497	.002913
%RSD	.4769013	.4145629	.0730883	.1227877	.2610938	.0613539	.1146576
#1	2.331908	23.53928	2.501238	1.290037	25.96657	2.438341	2.542737
#2	2.317361	23.59798	2.498494	1.287889	25.97184	2.441204	2.542658
#3	2.339179	23.73045	2.497777	1.286951	25.85203	2.440533	2.537652

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.28044	4.864657	5.384411	4.967538	4.813746	5.333354	5.148177
Stddev	.06994	.021955	.003309	.005602	.008846	.067475	.013330
%RSD	.2563620	.4513183	.0614538	.1127631	.1837723	1.265144	.2589198
#1	27.20126	4.884834	5.382117	4.964100	4.822684	5.256530	5.148362
#2	27.33379	4.841276	5.388204	4.964512	4.804994	5.360529	5.161413
#3	27.30628	4.867861	5.382912	4.974002	4.813561	5.383004	5.134756

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCV11 Acquired: 10/28/2024 21:38:50 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV11 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.885847	4.973001	5.051238
Stddev	.007492	.030381	.039026
%RSD	.1533362	.6109123	.7725979
#1	4.890500	5.007760	5.089520
#2	4.877205	4.959725	5.011508
#3	4.889836	4.951518	5.052685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2714.045	59832.05	12959.14	1900.825	4250.869
Stddev	4.178	147.95	44.88	7.632	3.754
%RSD	.1539441	.2472730	.3463525	.4015146	.0883037
#1	2714.727	59942.78	12908.30	1898.360	4251.728
#2	2709.568	59664.03	12993.28	1894.730	4246.760
#3	2717.840	59889.35	12975.86	1909.385	4254.119

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB11 Acquired: 10/28/2024 21:43:02 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000307	-.001330	.0005047	-.000674	-.001274	.0090916	-.004909
Stddev	.000874	.000547	.0002786	.000627	.000606	.0024859	.000298
%RSD	284.3168	41.14557	55.19223	92.98605	47.54784	27.34300	6.079594
#1	-.000226	-.000939	.0008117	-.000101	-.000896	.0103919	-.005183
#2	-.001219	-.001095	.0002681	-.001343	-.001972	.0106578	-.004591
#3	.000523	-.001955	.0004343	-.000578	-.000953	.0062252	-.004954

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000154	.0000633	.0059493	-.000271	.0000816	-.000004	-.011834
Stddev	.0000112	.0000125	.0042430	.000179	.0000812	.000392	.002863
%RSD	72.77521	19.73043	71.31962	65.89038	99.51904	9797.900	24.19714
#1	.0000179	.0000666	.0076500	-.000335	.0000631	-.000457	-.014402
#2	.0000031	.0000739	.0090780	-.000409	.0001704	.000234	-.012354
#3	.0000251	.0000495	.0011198	-.000069	.0000112	.000211	-.008746

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000094	.0100867	.0000436	.0008677	.0972723	-.000575	-.003646
Stddev	.000112	.0126589	.0001895	.0000543	.0086057	.000154	.000562
%RSD	119.4804	125.5008	434.6645	6.258890	8.847016	26.77478	15.41344
#1	-.000199	.0137463	-.000101	.0008158	.1053483	-.000480	-.003015
#2	-.000107	.0205126	-.000027	.0008631	.0982486	-.000753	-.004091
#3	.000024	-.003999	.000258	.0009241	.0882201	-.000492	-.003834

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2919134	-.002310	.0000521	.0017143	.0005961	-.007446	-.000700
Stddev	.0285167	.000366	.0000447	.0003885	.0005017	.003194	.000933
%RSD	9.768874	15.86426	85.87167	22.66473	84.16218	42.90108	133.3849
#1	.3225413	-.001898	.0000084	.0020853	.0002503	-.009958	-.001710
#2	.2870708	-.002432	.0000978	.0013104	.0011715	-.008530	-.000520
#3	.2661281	-.002599	.0000500	.0017472	.0003664	-.003851	.000130

Reviewed By:kareem
On:11/6/2024 10:58:05 PM
Inst Id :P4
LB :LB133175

Sample Name: CCB11 Acquired: 10/28/2024 21:43:02 Type: Unk
Method: NON EPA-6010-200.7(v2451) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB11 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001800	-.001677	.0000066
Stddev	.001841	.000694	.0000121
%RSD	102.2985	41.35873	182.0033
#1	-.000133	-.001765	-.000001
#2	-.001490	-.000944	-.000000
#3	-.003776	-.002322	.000021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.376	62435.17	13765.83	1996.507	4783.081
Stddev	11.244	89.49	13.53	9.916	13.432
%RSD	.3952901	.1433249	.0982890	.4966478	.2808322
#1	2857.212	62342.07	13766.68	1992.549	4798.336
#2	2839.645	62520.54	13751.90	2007.790	4777.878
#3	2836.271	62442.91	13778.91	1989.181	4773.027