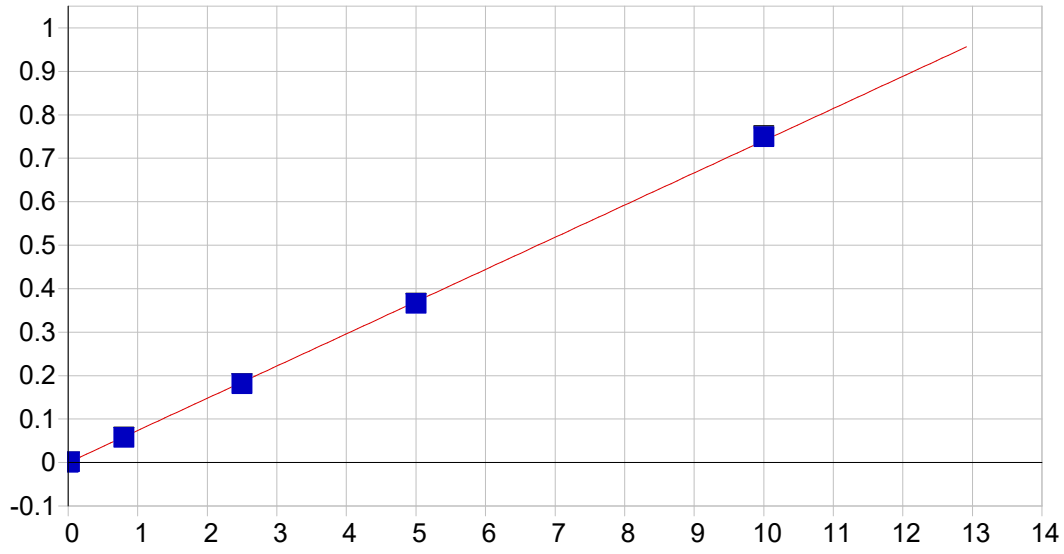
Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



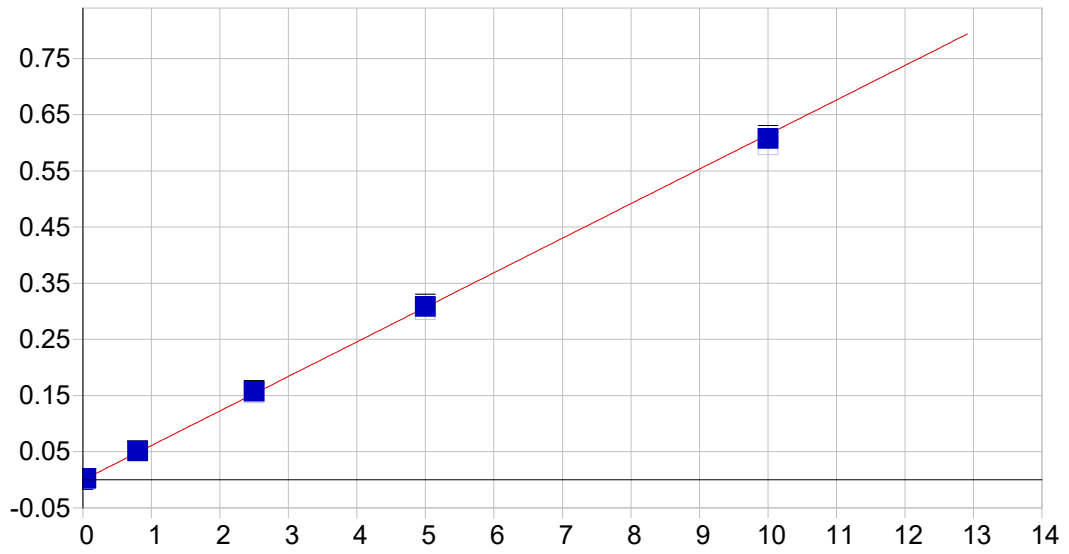
As 189.042 {479}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000218	Re-Slope:	1.000000
A1 (Gain):	0.074064	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999902	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.002037		
Predicted MQL:	0.006790		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00022	.000	1
S1	.02000	.01976	-.000	-1.18	.00124	.000	1
S3	2.5000	2.4475	-.052	-2.10	.18085	.000	1
S4	5.0000	4.9439	-.056	-1.12	.36554	.001	1
S5	10.000	10.124	.124	1.24	.74881	.002	1
S2	.80000	.78472	-.015	-1.91	.05784	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



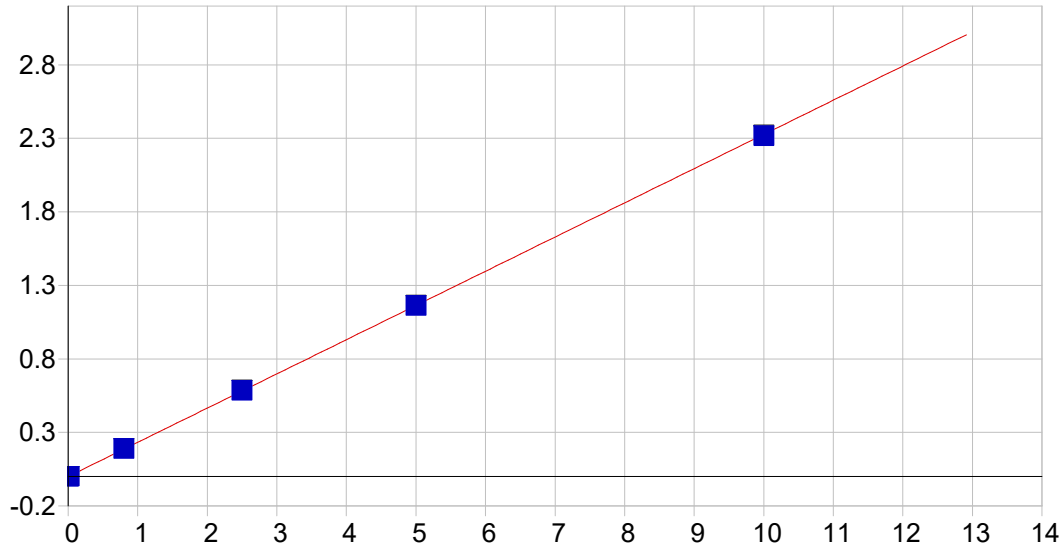
Tl 190.856 {477}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000386	Re-Slope:	1.000000
A1 (Gain):	0.061517	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999860	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.001841		
Predicted MQL:	0.006136		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00039	.000	1
S1	.04000	.04117	.001	2.92	.00199	.000	1
S3	2.5000	2.5638	.064	2.55	.15450	.002	1
S4	5.0000	5.0157	.016	.314	.30250	.005	1
S5	10.000	9.8812	-.119	-1.19	.59614	.006	1
S2	.80000	.83813	.038	4.77	.05027	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



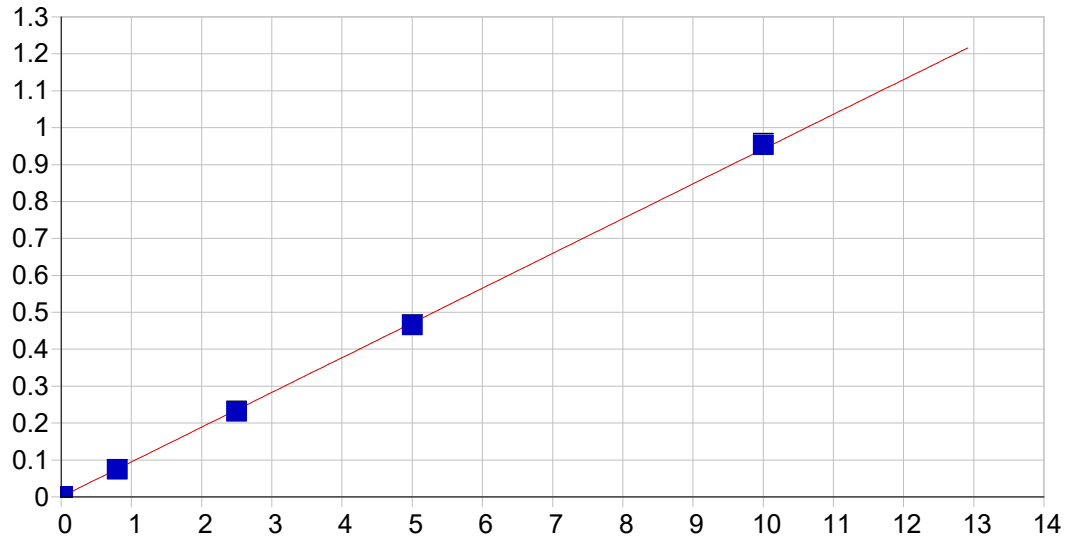
Pb 220.353 {453}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000206	Re-Slope:	1.000000
A1 (Gain):	0.232715	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.001024		
Predicted MQL:	0.003414		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.01200	.01191	-.000	-.730	.00251	.000	1
S3	2.5000	2.5207	.021	.828	.58576	.001	1
S4	5.0000	4.9999	-.000	-.001	1.1621	.002	1
S5	10.000	9.9655	-.034	-.345	2.3164	.004	1
S2	.80000	.81394	.014	1.74	.18901	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



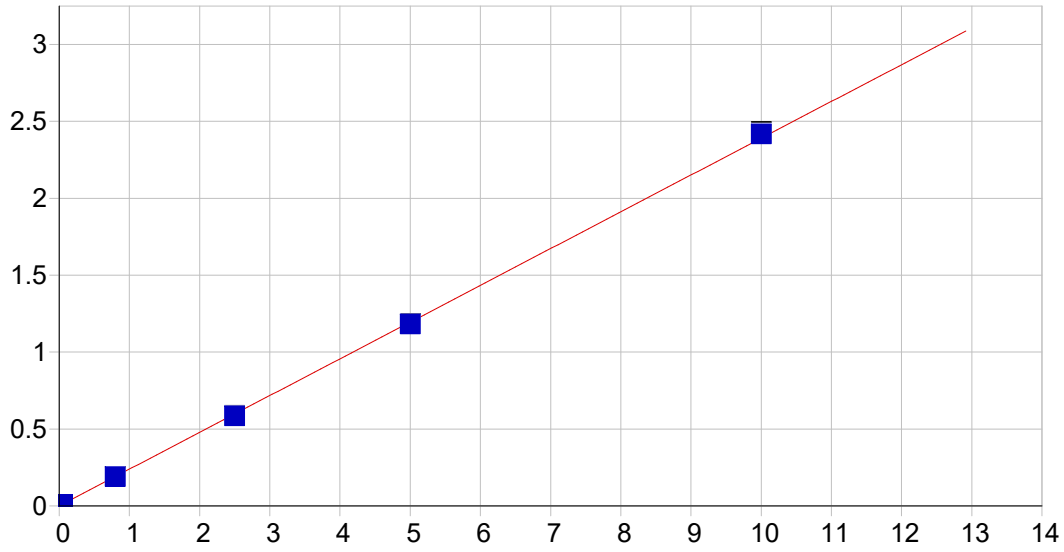
Se 196.090 {472}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000497	Re-Slope:	1.000000
A1 (Gain):	0.094144	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999897	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.001984		
Predicted MQL:	0.006615		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00050	.000	1
S1	.02000	.01732	-.003	-13.4	.00213	.000	1
S3	2.5000	2.4543	-.046	-1.83	.23149	.000	1
S4	5.0000	4.9412	-.059	-1.18	.46556	.001	1
S5	10.000	10.124	.124	1.24	.95335	.004	1
S2	.80000	.78332	-.017	-2.09	.07422	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



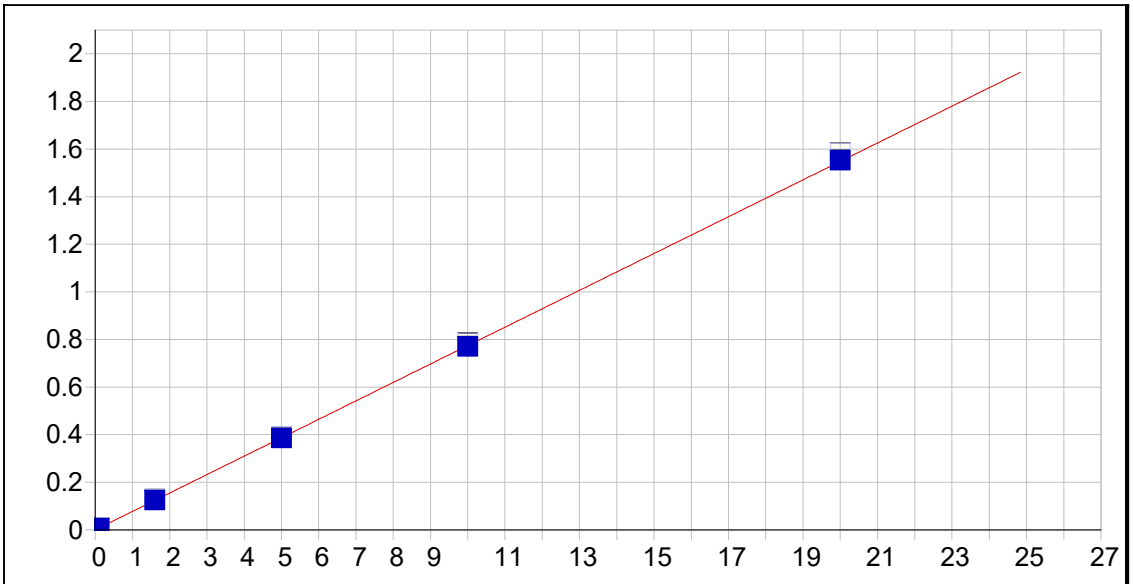
Sb 206.833 {463}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000075	Re-Slope:	1.000000
A1 (Gain):	0.239030	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999912	Status:	OK.
Std Error of Est:	0.000118		
Predicted MDL:	0.001068		
Predicted MQL:	0.003559		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00008	.000	1
S1	.05000	.05092	.001	1.84	.01227	.000	1
S3	2.5000	2.4461	-.054	-2.16	.58639	.002	1
S4	5.0000	4.9420	-.058	-1.16	1.1846	.002	1
S5	10.000	10.116	.116	1.16	2.4247	.009	1
S2	.80000	.79469	-.005	-.664	.19055	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



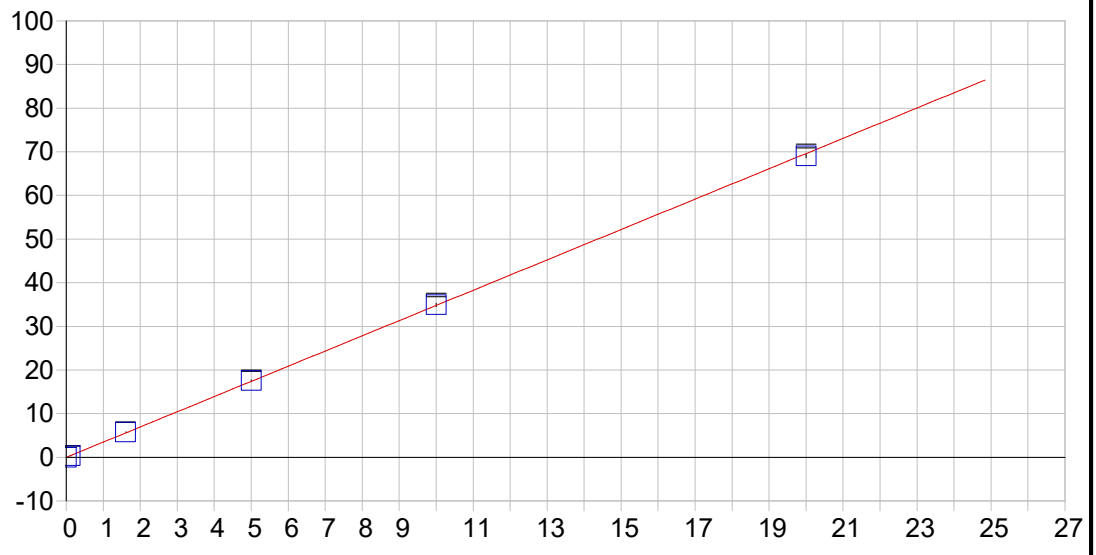
Al 396.152 { 85}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000320	Re-Slope:	1.000000
A1 (Gain):	0.077395	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000028		
Predicted MDL:	0.004931		
Predicted MQL:	0.016437		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00032	.000	1
S1	.10000	.10294	.003	2.94	.00889	.000	1
S3	5.0000	4.9734	-.027	-.532	.39274	.000	1
S4	10.000	9.9467	-.053	-.533	.78516	.002	1
S5	20.000	20.060	.060	.302	1.5829	.001	1
S2	1.6000	1.6163	.016	1.02	.12781	.001	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



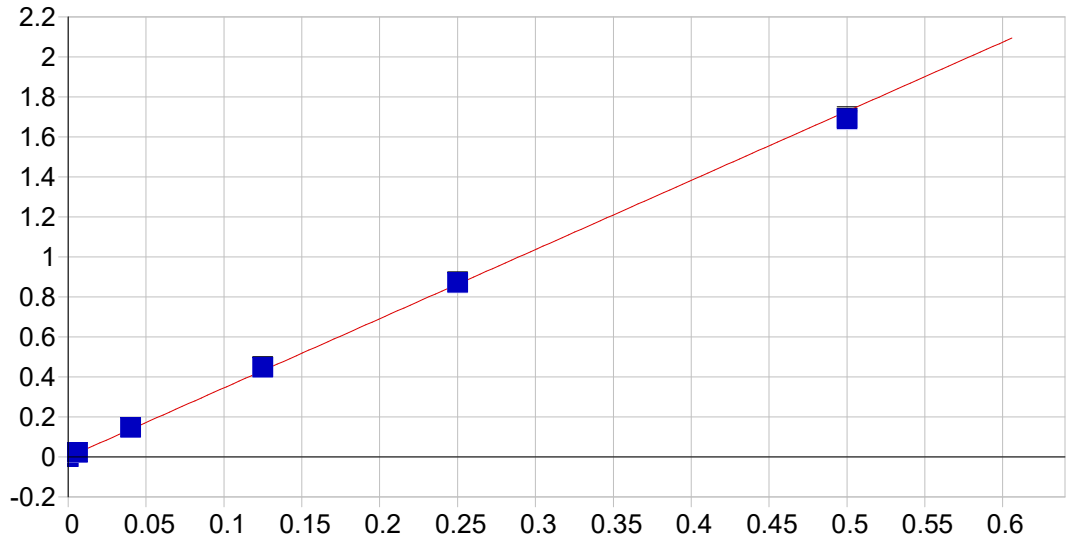
Ba 493.409 { 68}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.016853	Re-Slope:	1.000000
A1 (Gain):	3.480967	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999935	Status:	OK.
Std Error of Est:	0.002951		
Predicted MDL:	0.000417		
Predicted MQL:	0.001390		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.01688	.003	1
S1	.10000	.10386	.004	3.86	.34470	.003	1
S3	5.0000	5.0565	.057	1.13	17.585	.144	1
S4	10.000	10.037	.037	.368	34.921	.431	1
S5	20.000	19.839	-.161	-.807	69.041	.463	1
S2	1.6000	1.6642	.064	4.01	5.7760	.006	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



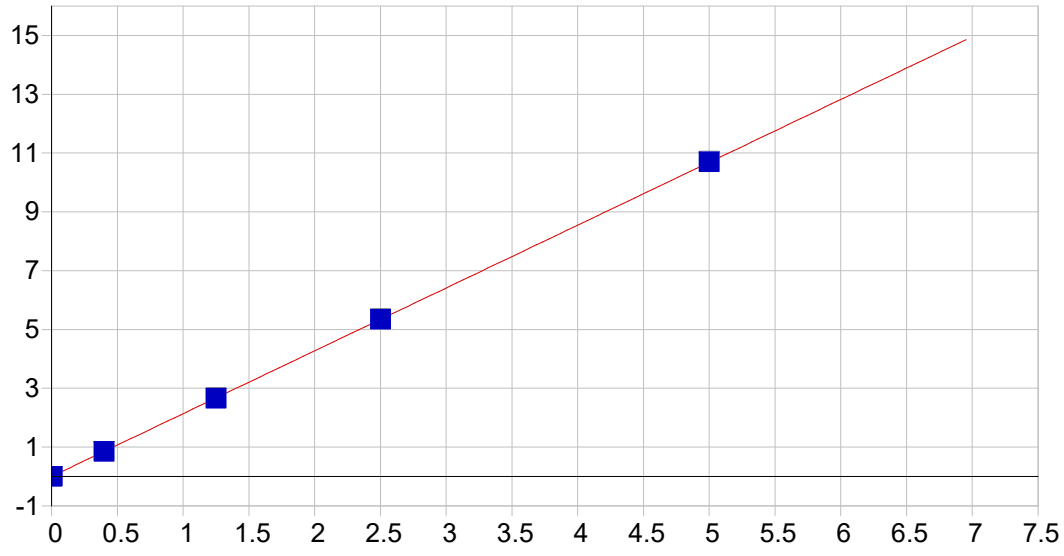
Be 234.861 {144}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000662	Re-Slope:	1.000000
A1 (Gain):	3.457686	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999643	Status:	OK.
Std Error of Est:	0.000265		
Predicted MDL:	0.000058		
Predicted MQL:	0.000192		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00067	.000	1
S1	.00600	.00648	.000	7.94	.02158	.000	1
S3	.12500	.12991	.005	3.93	.44658	.002	1
S4	.25000	.25245	.002	.978	.86834	.002	1
S5	.50000	.48951	-.010	-2.10	1.6842	.009	1
S2	.04000	.04266	.003	6.65	.14622	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



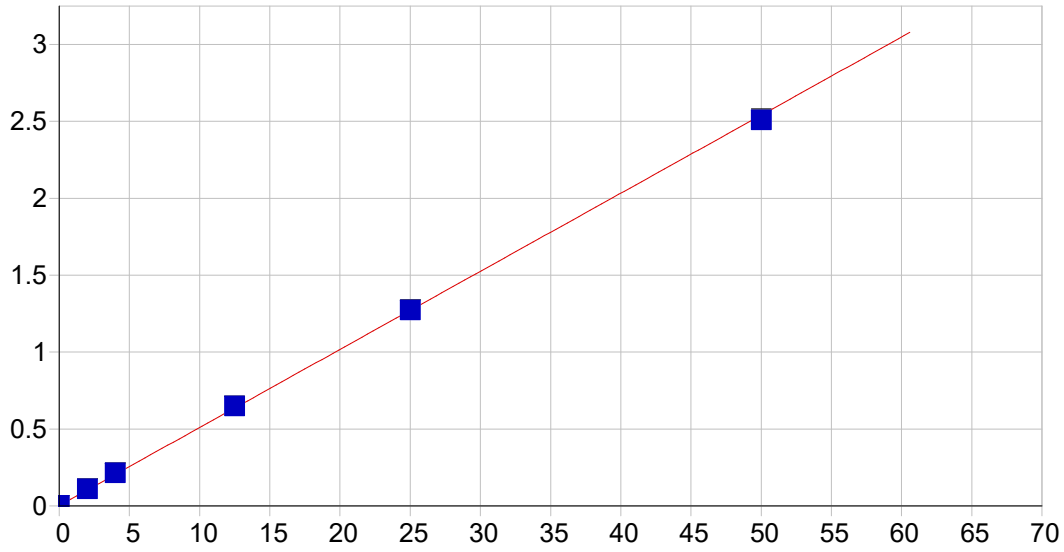
Cd 226.502 {449}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000244	Re-Slope:	1.000000
A1 (Gain):	2.137212	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999999	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.000086		
Predicted MQL:	0.000286		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00024	.000	1
S1	.00600	.00611	.000	1.89	.01288	.000	1
S3	1.2500	1.2456	-.004	-.350	2.6641	.002	1
S4	2.5000	2.4989	-.001	-.044	5.3448	.008	1
S5	5.0000	5.0057	.006	.114	10.707	.017	1
S2	.40000	.39965	-.000	-.088	.85459	.001	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



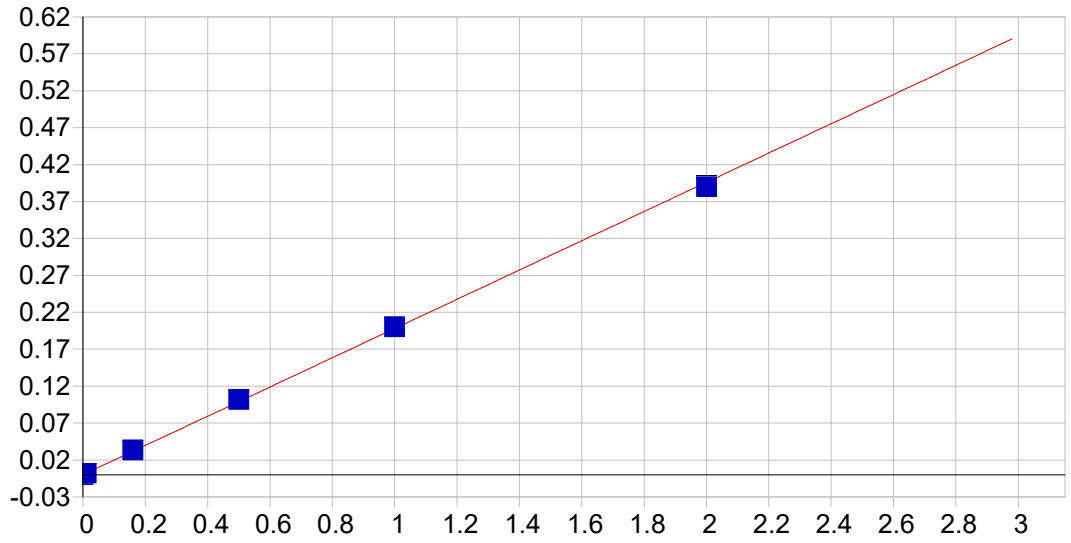
Ca 373.690 { 90}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002078	Re-Slope:	1.000000
A1 (Gain):	0.050774	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999830	Status:	OK.
Std Error of Est:	0.000495		
Predicted MDL:	0.007199		
Predicted MQL:	0.023995		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00026	-.000	.000	.00207	.000	1
S2	4.0000	4.1834	.183	4.58	.21449	.001	1
S3	12.500	12.737	.237	1.90	.64879	.001	1
S4	25.000	25.038	.038	.152	1.2734	.003	1
S5	50.000	49.391	-.609	-1.22	2.5099	.005	1
S1	2.0000	2.1504	.150	7.52	.11126	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



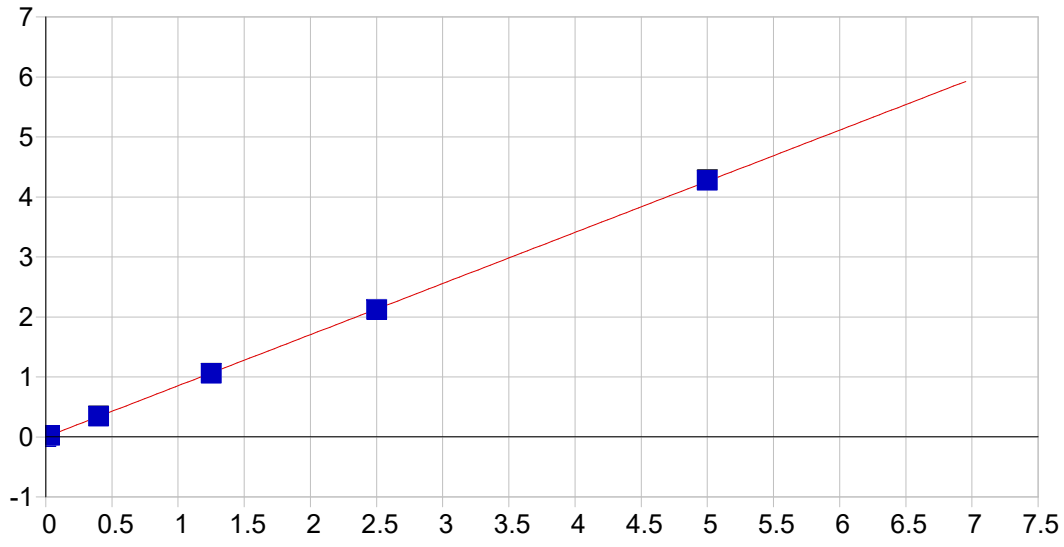
Cr 267.716 {126}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000015	Re-Slope:	1.000000
A1 (Gain):	0.198035	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999831	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.000362		
Predicted MQL:	0.001206		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.01000	.01016	.000	1.59	.00200	.000	1
S3	.50000	.51327	.013	2.65	.10166	.000	1
S4	1.0000	1.0095	.009	.946	.19995	.000	1
S5	2.0000	1.9698	-.030	-1.51	.39018	.002	1
S2	.16000	.16736	.007	4.60	.03314	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



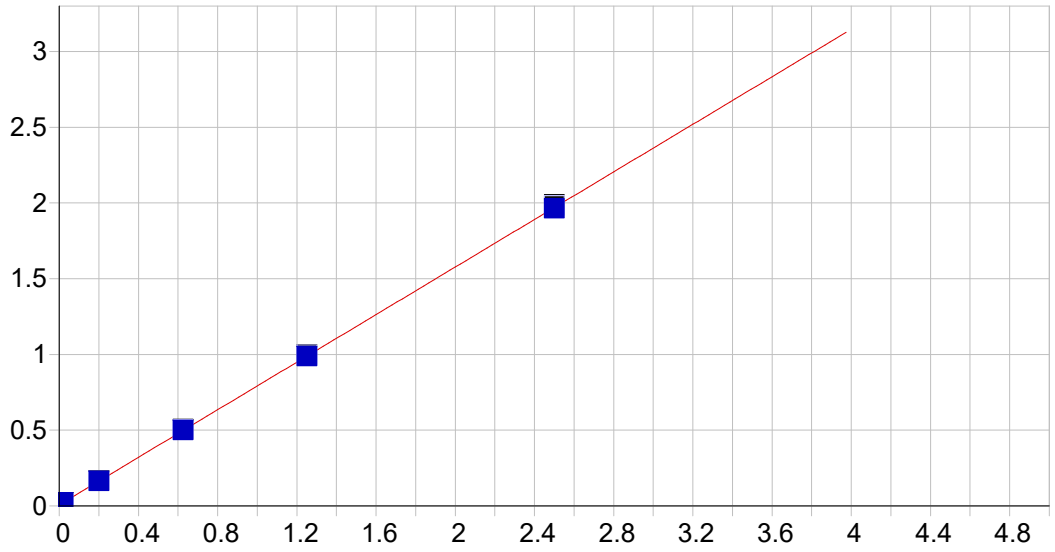
Co 228.616 {448}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000021	Re-Slope:	1.000000
A1 (Gain):	0.852132	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.000192		
Predicted MQL:	0.000638		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.03000	.03017	.000	.578	.02558	.000	1
S3	1.2500	1.2408	-.009	-.736	1.0591	.001	1
S4	2.5000	2.4884	-.012	-.464	2.1240	.001	1
S5	5.0000	5.0172	.017	.344	4.2825	.006	1
S2	.40000	.40342	.003	.854	.34432	.001	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



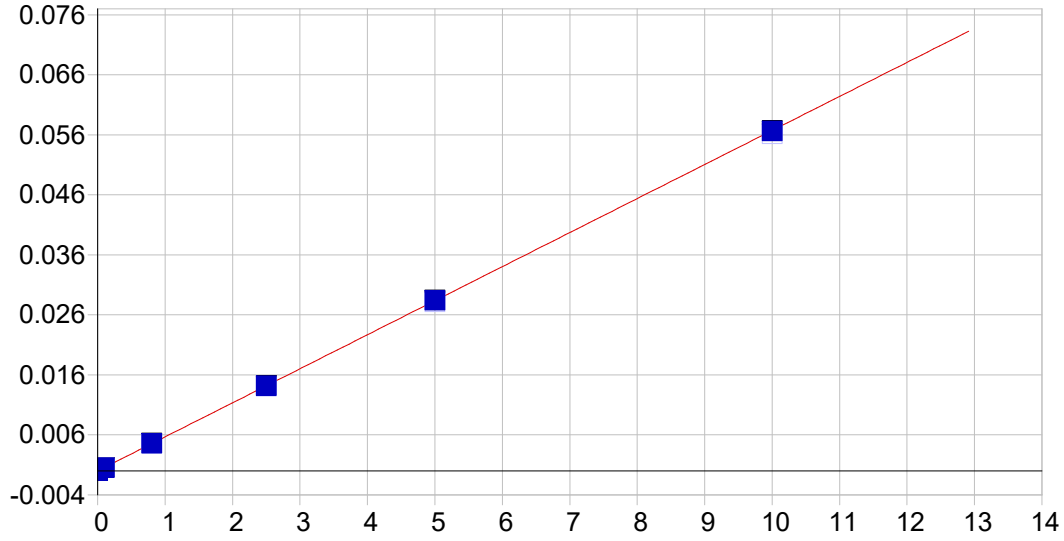
Cu 224.700 {450}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006935	Re-Slope:	1.000000
A1 (Gain):	0.785149	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000061		
Predicted MDL:	0.000371		
Predicted MQL:	0.001237		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00693	.000	1
S1	.02000	.02180	.002	9.00	.02425	.000	1
S3	.62500	.62883	.004	.613	.50534	.001	1
S4	1.2500	1.2495	-.001	-.042	.99731	.000	1
S5	2.5000	2.4944	-.006	-.223	1.9841	.005	1
S2	.20000	.20046	.000	.230	.16582	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



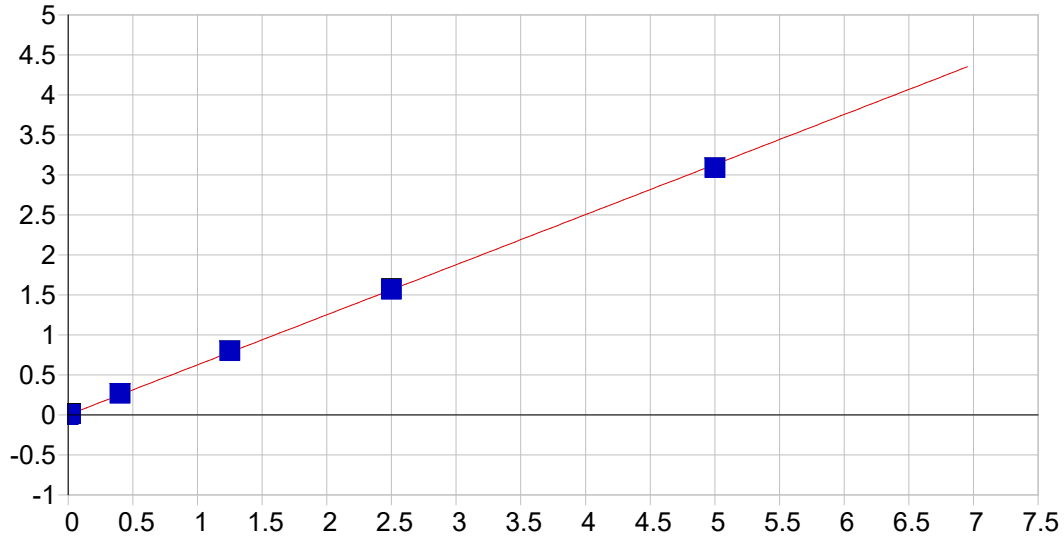
Fe 240.488 {140}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000002	Re-Slope:	1.000000
A1 (Gain):	0.005673	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000001		
Predicted MDL:	0.003913		
Predicted MQL:	0.013044		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00000	.000	1
S1	.10000	.09833	-.002	-1.67	.00055	.000	1
S3	2.5000	2.5030	.003	.118	.01408	.000	1
S4	5.0000	5.0057	.006	.113	.02816	.000	1
S5	10.000	9.9819	-.018	-.181	.05615	.000	1
S2	.80000	.81113	.011	1.39	.00456	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



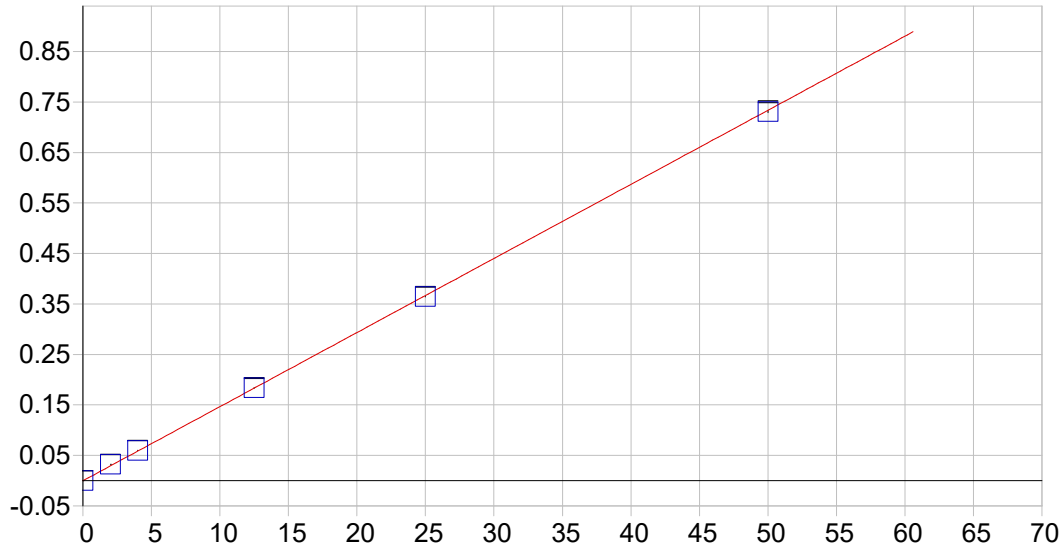
Mn 257.610 {131}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000005	Re-Slope:	1.000000
A1 (Gain):	0.625830	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999799	Status:	OK.
Std Error of Est:	0.000208		
Predicted MDL:	0.000248		
Predicted MQL:	0.000828		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00001	.000	1
S1	.02000	.02220	.002	11.0	.01389	.000	1
S3	1.2500	1.2811	.031	2.49	.80192	.002	1
S4	2.5000	2.5044	.004	.175	1.5676	.007	1
S5	5.0000	4.9353	-.065	-1.29	3.0893	.003	1
S2	.40000	.42700	.027	6.75	.26728	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



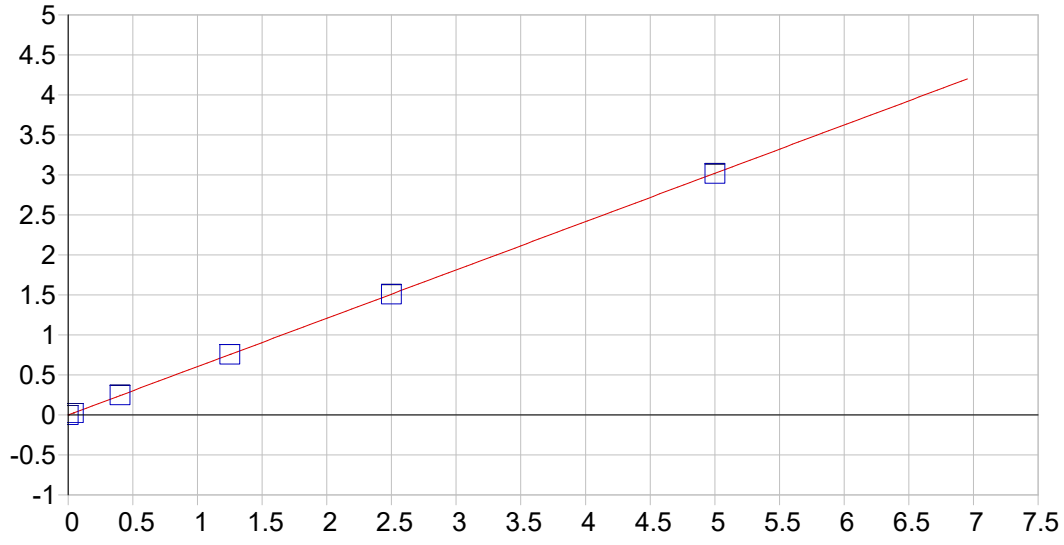
Mg 279.079 {121}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000148	Re-Slope:	1.000000
A1 (Gain):	0.014674	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999849	Status:	OK.
Std Error of Est:	0.000135		
Predicted MDL:	0.011335		
Predicted MQL:	0.037782		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00025	-.000	.000	-.00015	.000	1
S2	4.0000	4.0957	.096	2.39	.05995	.000	1
S3	12.500	12.531	.031	.251	.18374	.001	1
S4	25.000	24.844	-.156	-.626	.36442	.001	1
S5	50.000	49.809	-.191	-.381	.73077	.002	1
S1	2.0000	2.2199	.220	11.0	.03243	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



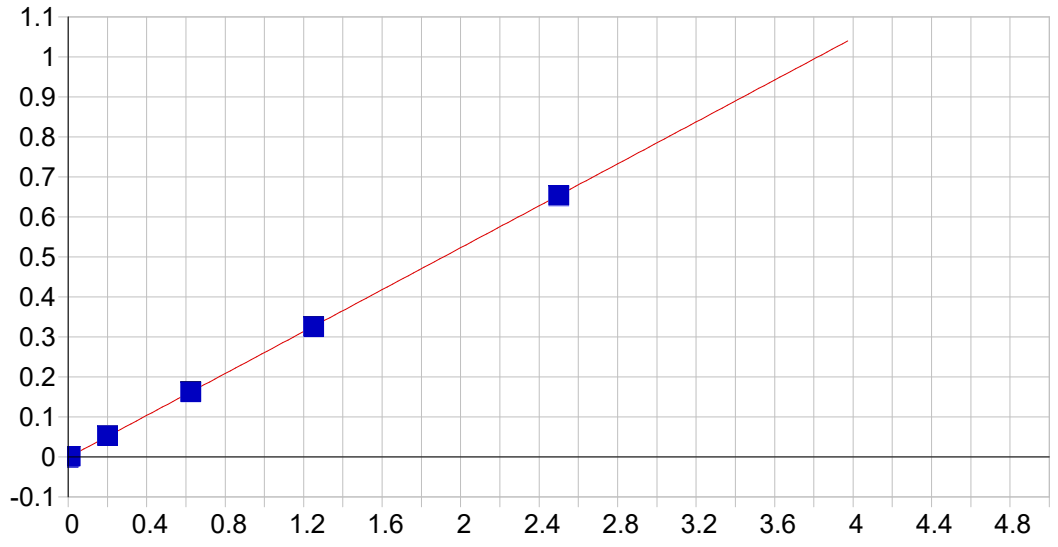
Ni 231.604 {446}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000205	Re-Slope:	1.000000
A1 (Gain):	0.603983	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000065		
Predicted MDL:	0.000303		
Predicted MQL:	0.001011		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00021	.000	1
S1	.04000	.04065	.001	1.62	.02435	.000	1
S3	1.2500	1.2505	.000	.037	.75505	.001	1
S4	2.5000	2.4940	-.006	-.240	1.5061	.002	1
S5	5.0000	4.9967	-.003	-.065	3.0177	.004	1
S2	.40000	.40816	.008	2.04	.24632	.001	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



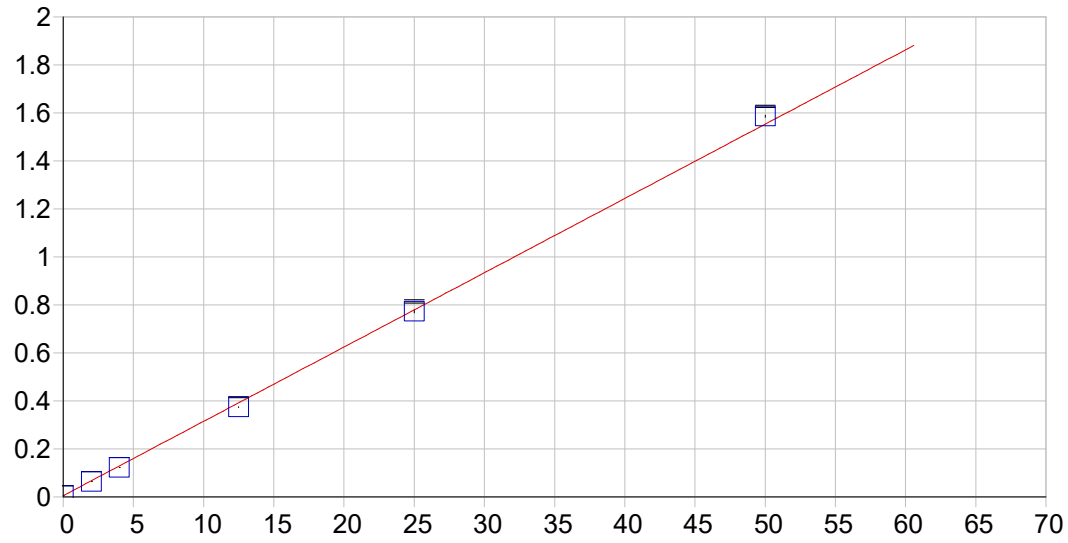
Ag 328.068 {103}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001212	Re-Slope:	1.000000
A1 (Gain):	0.262066	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.000352		
Predicted MQL:	0.001172		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00121	.000	1
S1	.01000	.01047	.000	4.67	.00151	.000	1
S3	.62500	.62491	-.000	-.015	.16190	.000	1
S4	1.2500	1.2461	-.004	-.309	.32406	.001	1
S5	2.5000	2.4978	-.002	-.090	.65076	.000	1
S2	.20000	.20574	.006	2.87	.05250	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



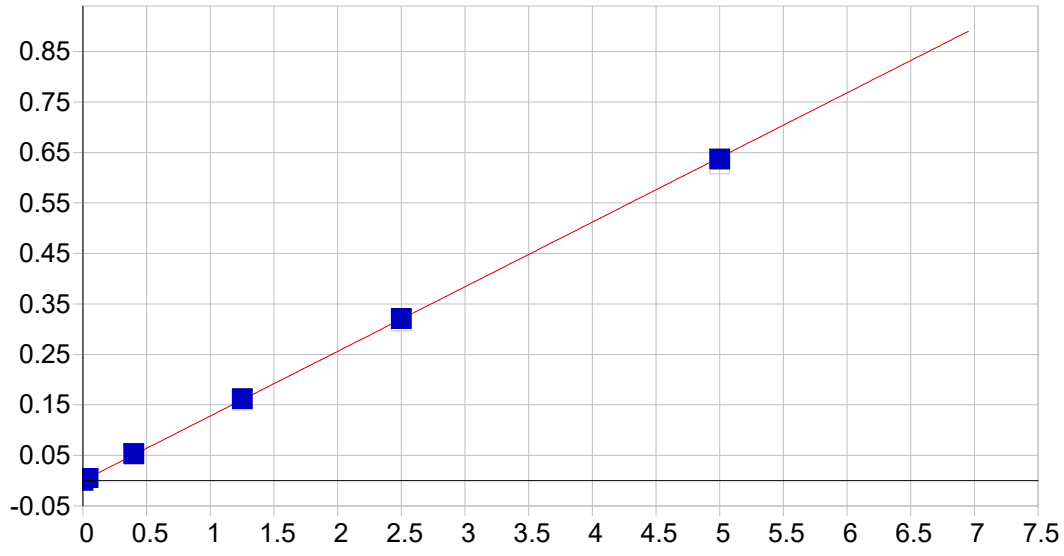
Na 589.592 { 57}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005369	Re-Slope:	1.000000
A1 (Gain):	0.030954	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999642	Status:	OK.
Std Error of Est:	0.000439		
Predicted MDL:	0.005747		
Predicted MQL:	0.019156		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00026	.000	.000	.00538	.000	1
S2	4.0000	3.7872	-.213	-5.32	.12260	.000	1
S3	12.500	11.918	-.582	-4.65	.37429	.002	1
S4	25.000	24.809	-.191	-.763	.77332	.007	1
S5	50.000	51.075	1.08	2.15	1.5863	.005	1
S1	2.0000	1.9100	-.090	-4.50	.06449	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



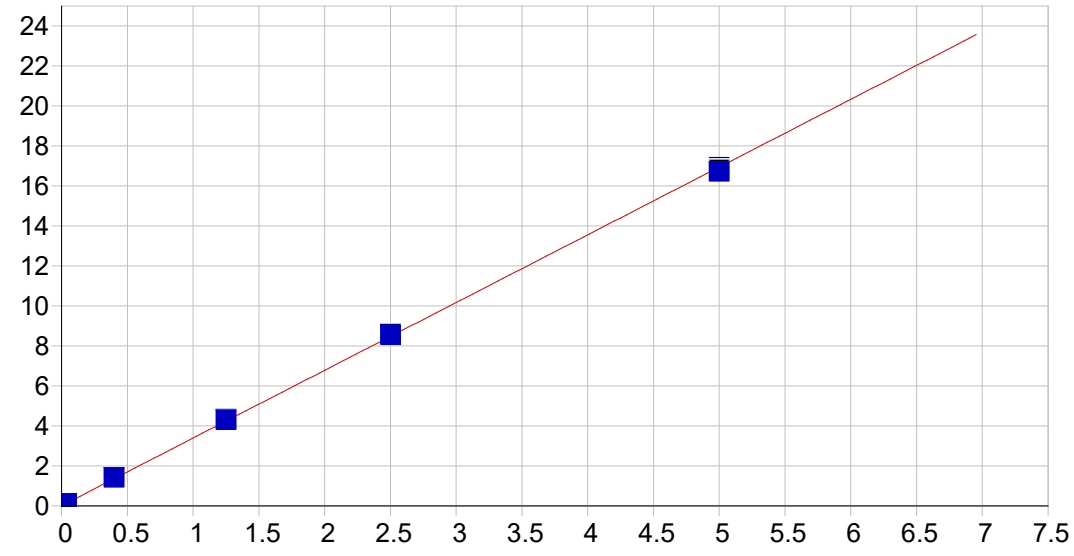
V 292.402 {115}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000009	Re-Slope:	1.000000
A1 (Gain):	0.128023	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999962	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.001327		
Predicted MQL:	0.004424		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00001	.000	1
S1	.04000	.04094	.001	2.34	.00506	.000	1
S3	1.2500	1.2619	.012	.955	.15923	.000	1
S4	2.5000	2.5048	.005	.192	.31601	.000	1
S5	5.0000	4.9704	-.030	-.592	.62700	.000	1
S2	.40000	.41193	.012	2.98	.05200	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



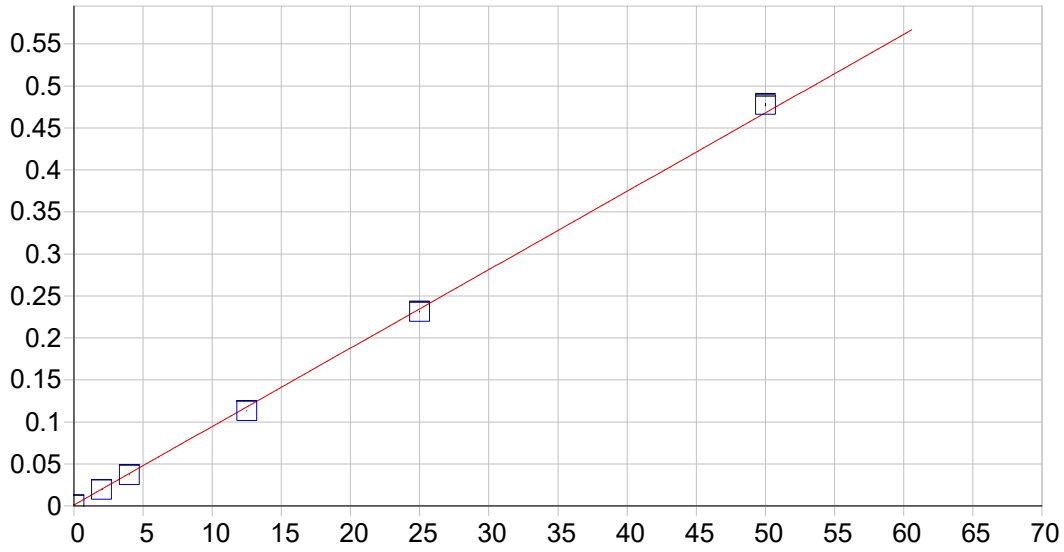
Zn 213.856 {158}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006154	Re-Slope:	1.000000
A1 (Gain):	3.388560	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999882	Status:	OK.
Std Error of Est:	0.001230		
Predicted MDL:	0.000241		
Predicted MQL:	0.000804		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00614	.000	1
S1	.04000	.04217	.002	5.41	.14998	.000	1
S3	1.2500	1.2694	.019	1.55	4.3369	.008	1
S4	2.5000	2.5260	.026	1.04	8.6246	.010	1
S5	5.0000	4.9359	-.064	-1.28	16.849	.076	1
S2	.40000	.41659	.017	4.15	1.4272	.001	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



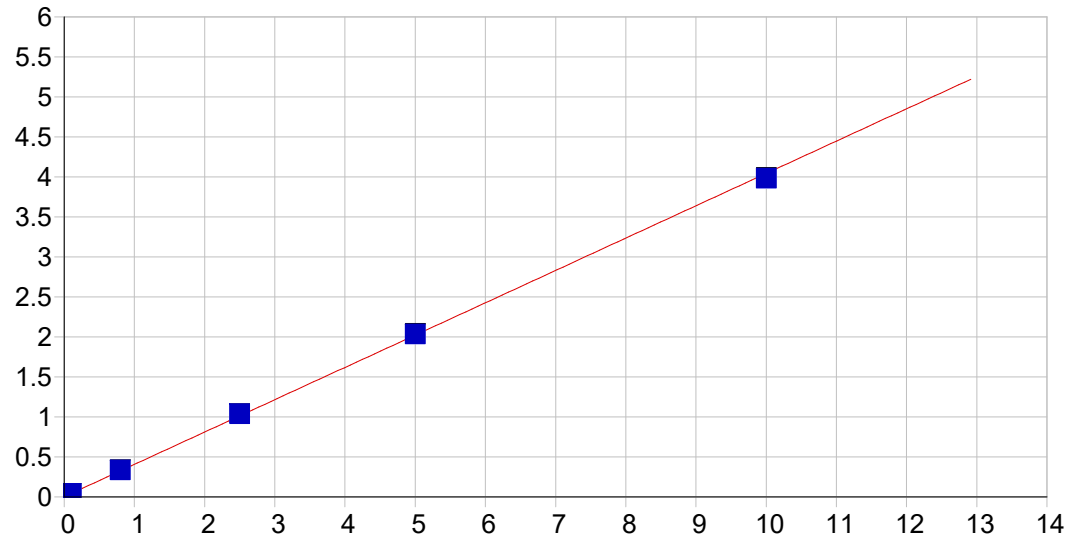
K 766.490 { 44}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001276	Re-Slope:	1.000000
A1 (Gain):	0.009334	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999706	Status:	OK.
Std Error of Est:	0.000120		
Predicted MDL:	0.018662		
Predicted MQL:	0.062207		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00020	.000	.000	.00128	.000	1
S2	4.0000	3.8417	-.158	-3.96	.03713	.000	1
S3	12.500	11.999	-.501	-4.01	.11327	.000	1
S4	25.000	24.657	-.343	-1.37	.23141	.001	1
S5	50.000	51.058	1.06	2.12	.47783	.002	1
S1	2.0000	1.9439	-.056	-2.81	.01942	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



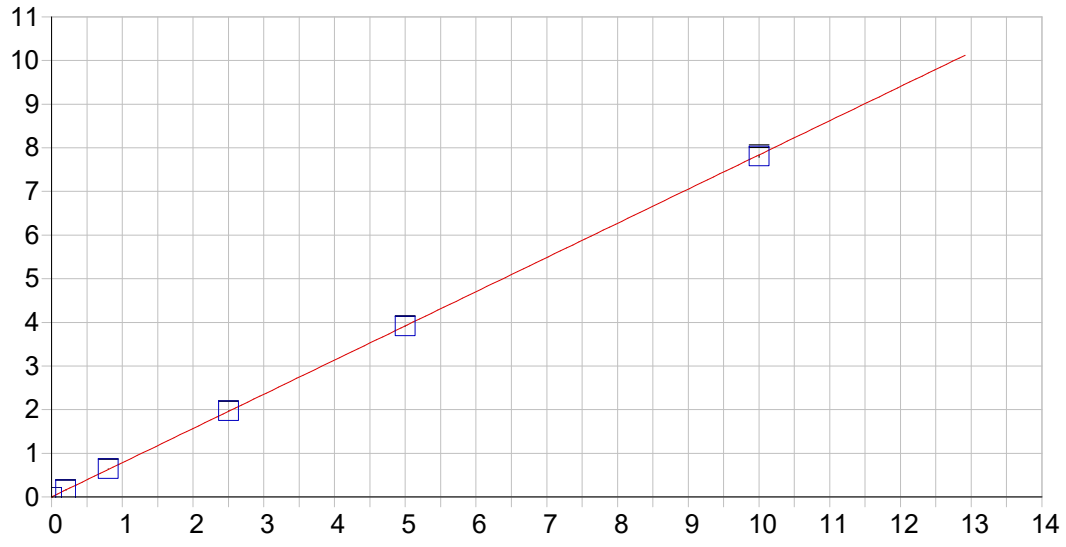
B 249.678 {135}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002305	Re-Slope:	1.000000
A1 (Gain):	0.404081	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999841	Status:	OK.
Std Error of Est:	0.000378		
Predicted MDL:	0.000597		
Predicted MQL:	0.001991		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00230	.000	1
S1	.10000	.10780	.008	7.80	.04569	.000	1
S3	2.5000	2.5663	.066	2.65	1.0373	.002	1
S4	5.0000	5.0377	.038	.754	2.0340	.005	1
S5	10.000	9.8578	-.142	-1.42	3.9777	.008	1
S2	.80000	.83042	.030	3.80	.33723	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



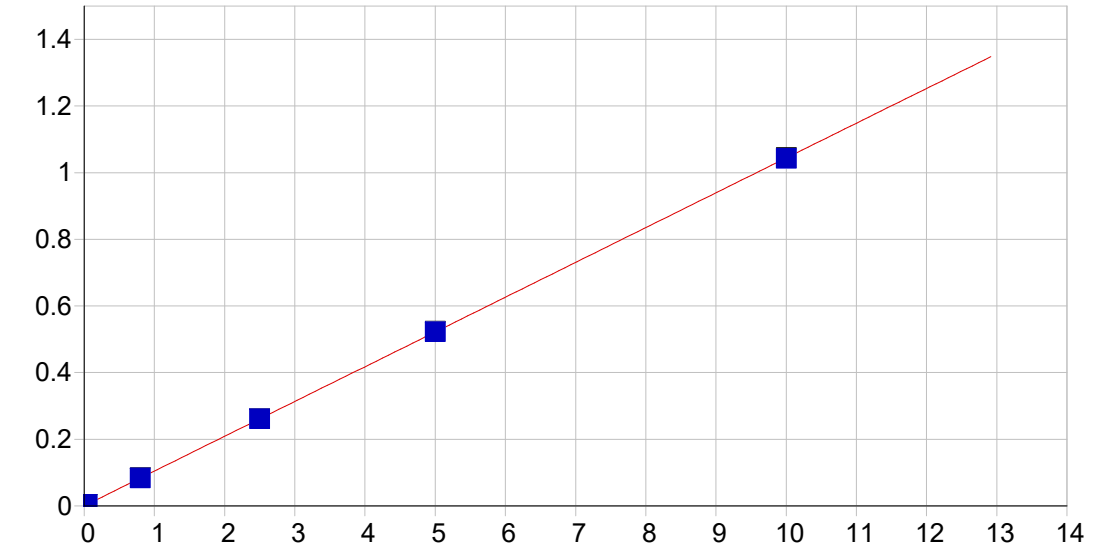
Mo 202.030 {467}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000177	Re-Slope:	1.000000
A1 (Gain):	0.783746	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999975	Status:	OK.
Std Error of Est:	0.000414		
Predicted MDL:	0.000245		
Predicted MQL:	0.000817		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00017	.000	1
S1	.20000	.20731	.007	3.65	.16265	.000	1
S3	2.5000	2.5126	.013	.504	1.9694	.007	1
S4	5.0000	4.9953	-.005	-.095	3.9152	.006	1
S5	10.000	9.9653	-.035	-.347	7.8105	.029	1
S2	.80000	.81951	.020	2.44	.64246	.001	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



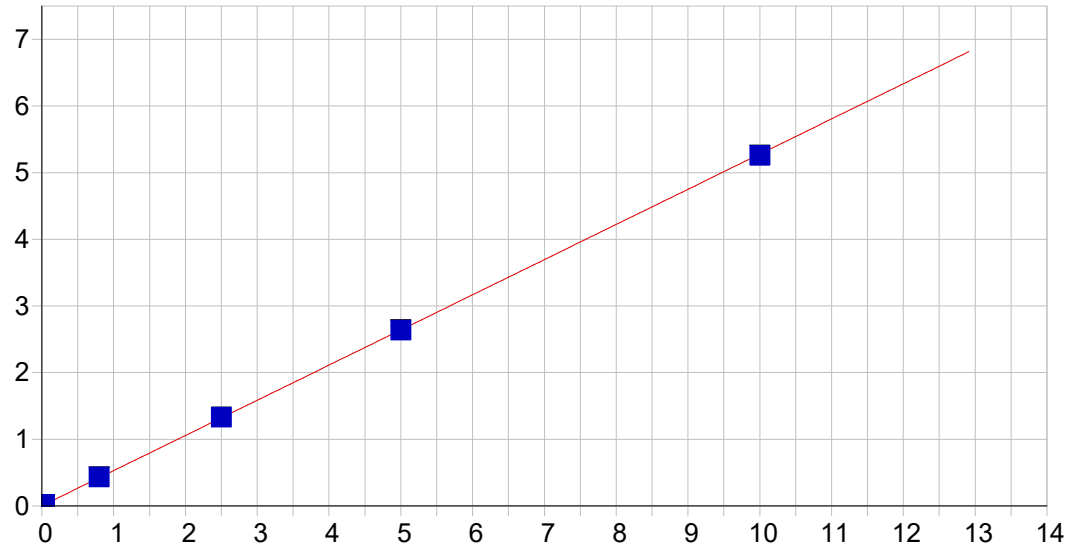
Sn 189.989 {478}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000139	Re-Slope:	1.000000
A1 (Gain):	0.104378	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999999	Status:	OK.
Std Error of Est:	0.000004		
Predicted MDL:	0.000815		
Predicted MQL:	0.002715		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00014	.000	1
S1	.04000	.04043	.000	1.08	.00435	.000	1
S3	2.5000	2.5002	.000	.007	.26083	.000	1
S4	5.0000	5.0072	.007	.143	.52224	.001	1
S5	10.000	9.9906	-.009	-.094	1.0419	.002	1
S2	.80000	.80167	.002	.209	.08373	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



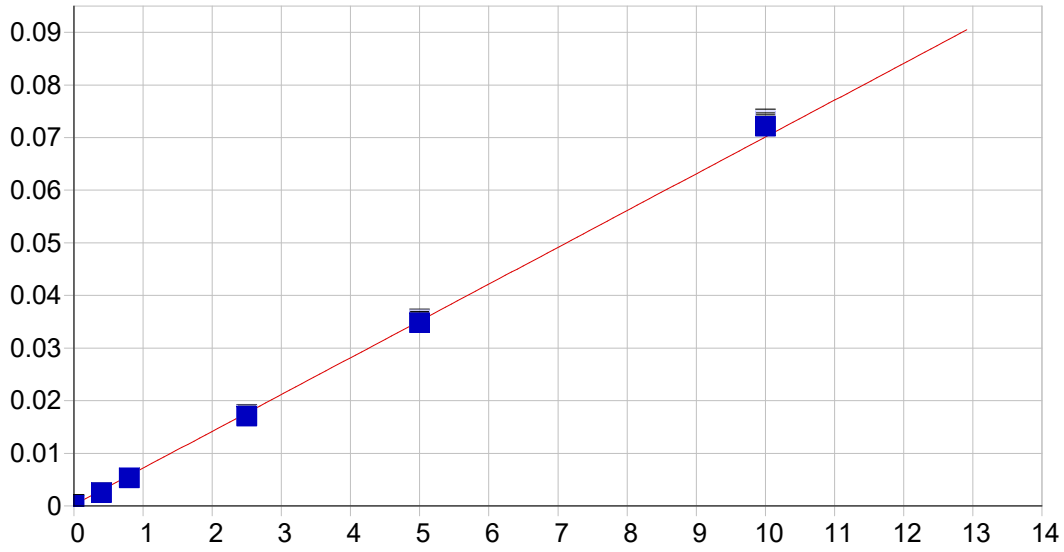
Ti 336.121 {100}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001815	Re-Slope:	1.000000
A1 (Gain):	0.527697	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000118		
Predicted MDL:	0.000471		
Predicted MQL:	0.001571		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00181	.000	1
S1	.04000	.04147	.001	3.67	.02368	.000	1
S3	2.5000	2.5201	.020	.805	1.3312	.001	1
S4	5.0000	4.9963	-.004	-.075	2.6374	.008	1
S5	10.000	9.9627	-.037	-.373	5.2572	.004	1
S2	.80000	.81940	.019	2.42	.43406	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



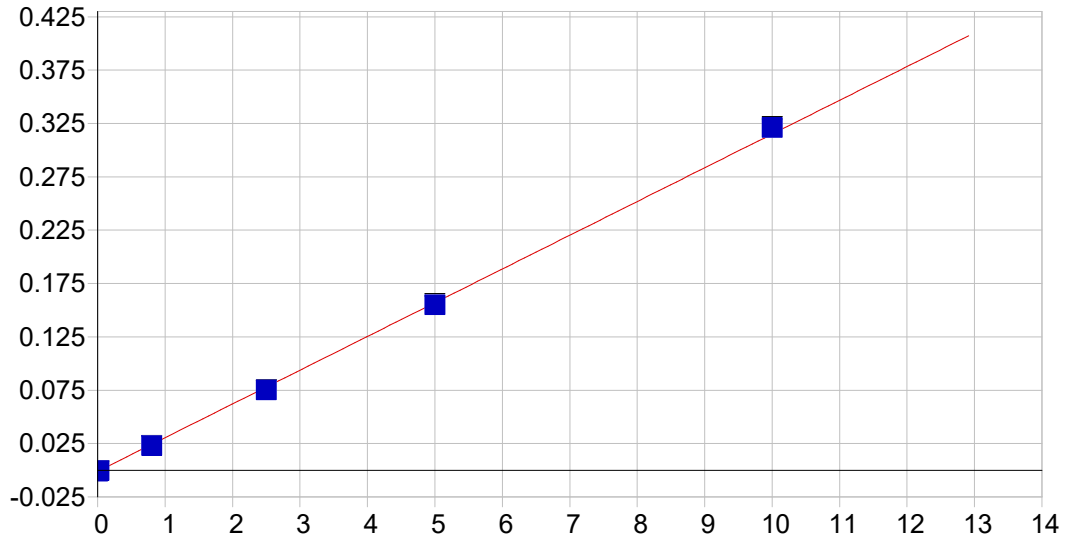
Si 288.158 {117}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000193	Re-Slope:	1.000000
A1 (Gain):	0.006992	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999173	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.005393		
Predicted MQL:	0.017977		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00019	.000	1
S1	.40000	.32577	-.074	-18.6	.00248	.000	1
S3	2.5000	2.4076	-.092	-3.69	.01729	.000	1
S4	5.0000	4.9485	-.051	-1.03	.03532	.000	1
S5	10.000	10.286	.286	2.86	.07316	.000	1
S2	.80000	.73107	-.069	-8.62	.00539	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



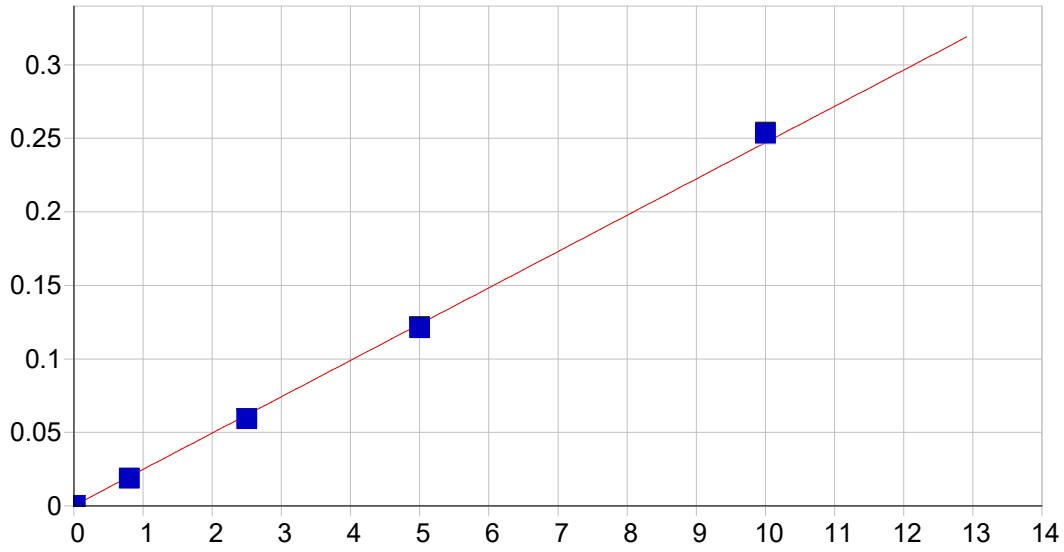
P 177.495 {490}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001096	Re-Slope:	1.000000
A1 (Gain):	0.031622	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999748	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.002562		
Predicted MQL:	0.008540		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00110	.000	1
S1	.02000	.01757	-.002	-12.1	-.00054	.000	1
S3	2.5000	2.4128	-.087	-3.49	.07519	.000	1
S4	5.0000	4.9375	-.063	-1.25	.15501	.001	1
S5	10.000	10.188	.188	1.88	.32102	.001	1
S2	.80000	.76425	-.036	-4.47	.02307	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



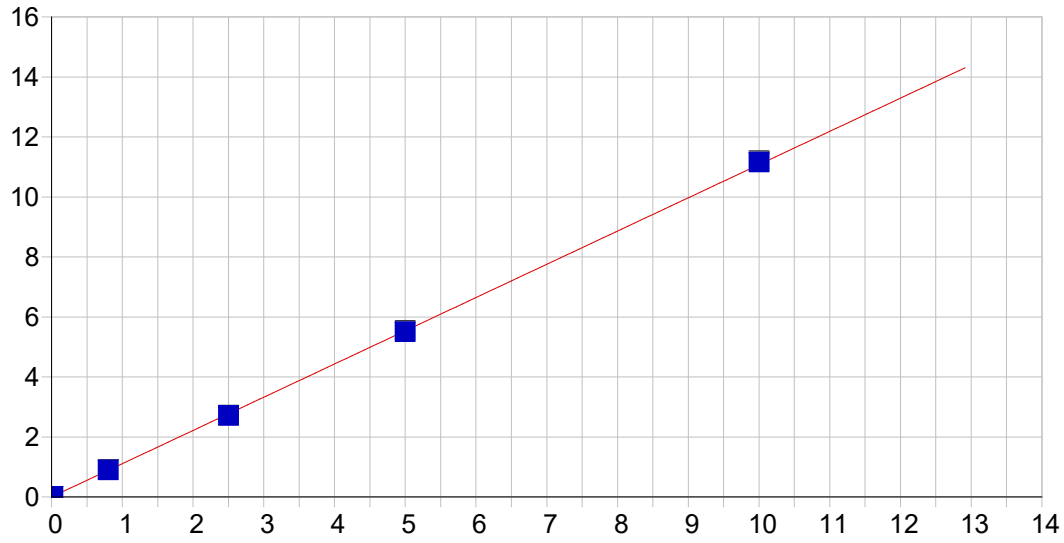
S 182.034 {485}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000182	Re-Slope:	1.000000
A1 (Gain):	0.024690	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999554	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.003258		
Predicted MQL:	0.010860		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00018	.000	1
S1	.02000	.01917	-.001	-4.16	.00063	.000	1
S3	2.5000	2.3904	-.110	-4.38	.05904	.000	1
S4	5.0000	4.9026	-.097	-1.95	.12091	.001	1
S5	10.000	10.256	.256	2.56	.25277	.001	1
S2	.80000	.75130	-.049	-6.09	.01868	.000	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



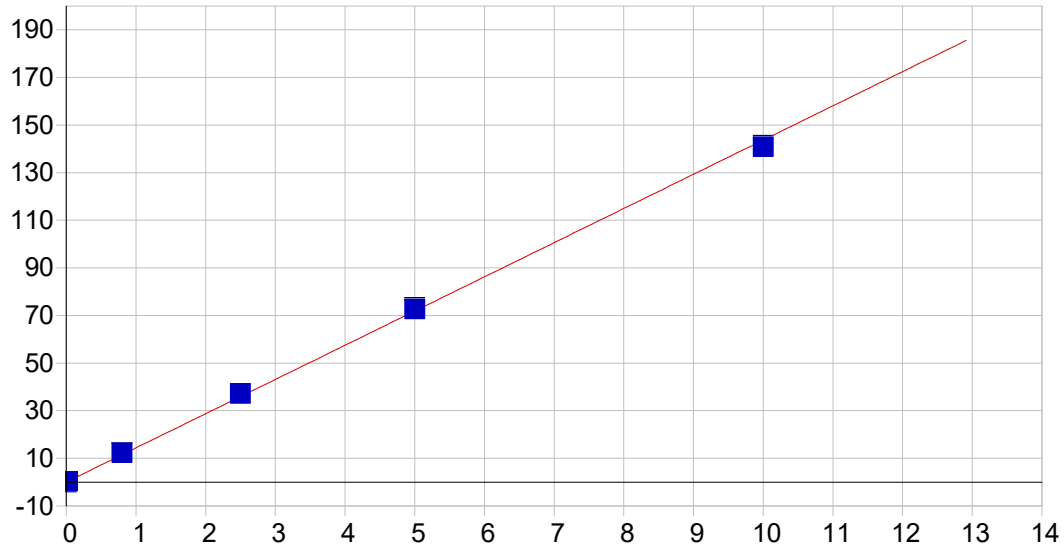
Li 670.784 { 50}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002038	Re-Slope:	1.000000
A1 (Gain):	1.107343	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999942	Status:	OK.
Std Error of Est:	0.000280		
Predicted MDL:	0.000653		
Predicted MQL:	0.002176		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00204	.001	1
S5	10.000	10.076	.076	.758	11.169	.033	1
S4	5.0000	4.9674	-.033	-.652	5.5076	.027	1
S3	2.5000	2.4457	-.054	-2.17	2.7127	.008	1
S1	.02000	.02071	.001	3.55	.02537	.001	1
S2	.80000	.81039	.010	1.30	.90021	.004	1

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



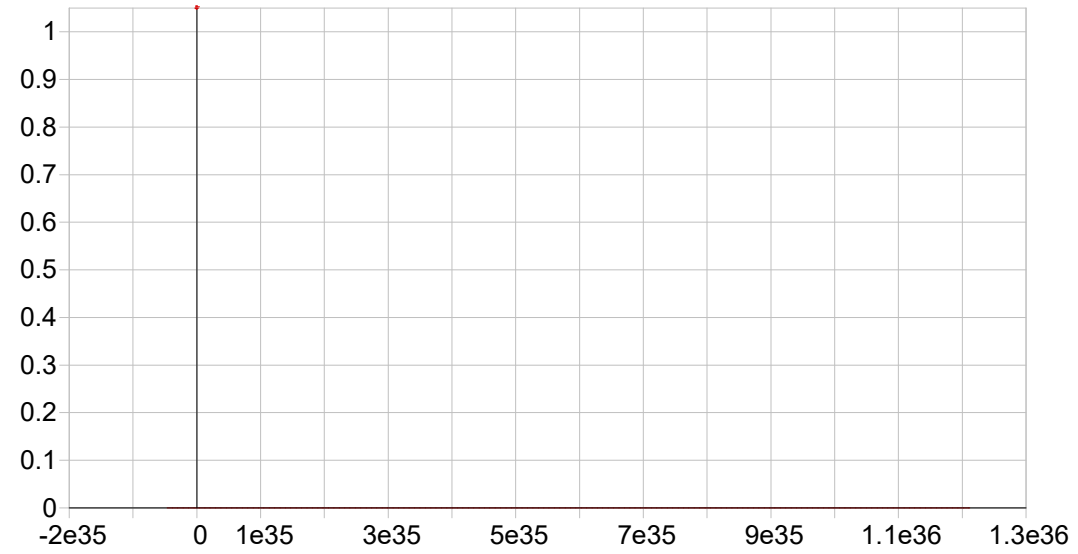
Sr 407.771 { 83}

Date of Fit:	12/6/2024 12:14:14	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000207	Re-Slope:	1.000000
A1 (Gain):	14.370415	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999683	Status:	OK.
Std Error of Est:	0.008491		
Predicted MDL:	0.000029		
Predicted MQL:	0.000098		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.02000	.02169	.002	8.46	.31337	.001	1
S3	2.5000	2.5848	.085	3.39	37.181	.047	1
S4	5.0000	5.0590	.059	1.18	72.773	.570	1
S5	10.000	9.7987	-.201	-2.01	140.96	.599	1
S2	.80000	.85572	.056	6.96	12.309	.024	1

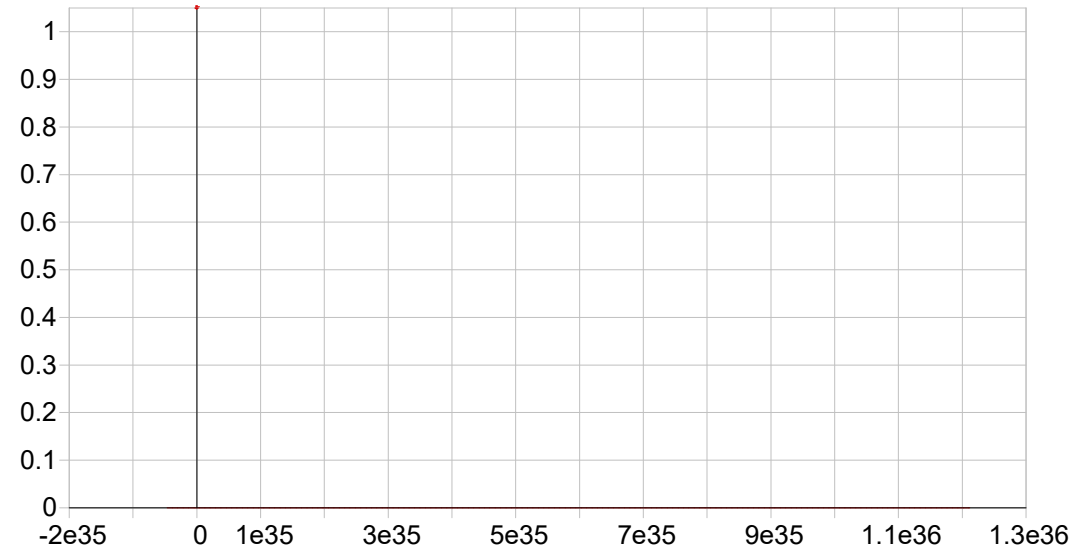
Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



Y 224.306 {450}*

Date of Fit:	12/6/2024 11:45:35	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



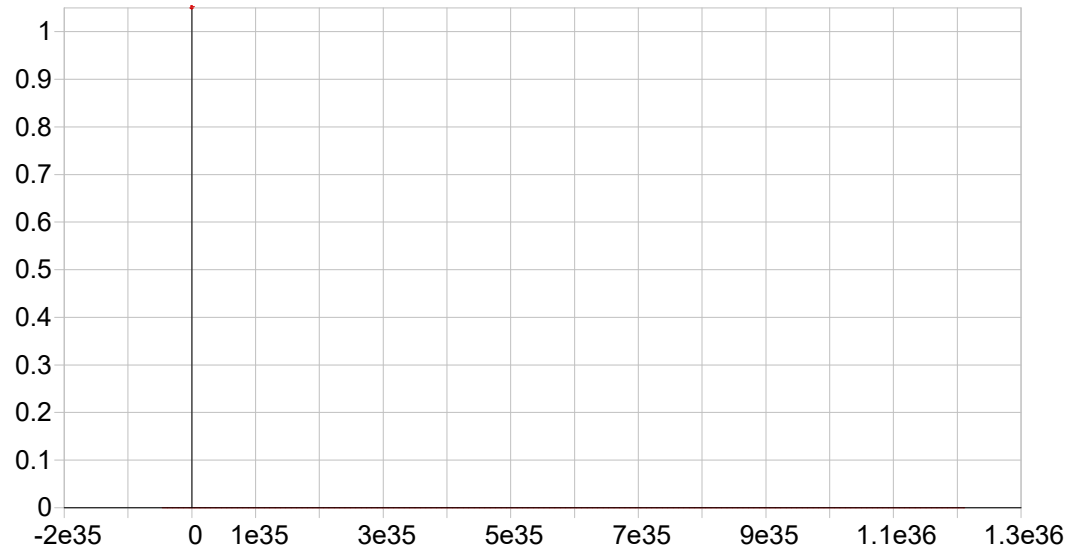
Y 360.073 { 94}*

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:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

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



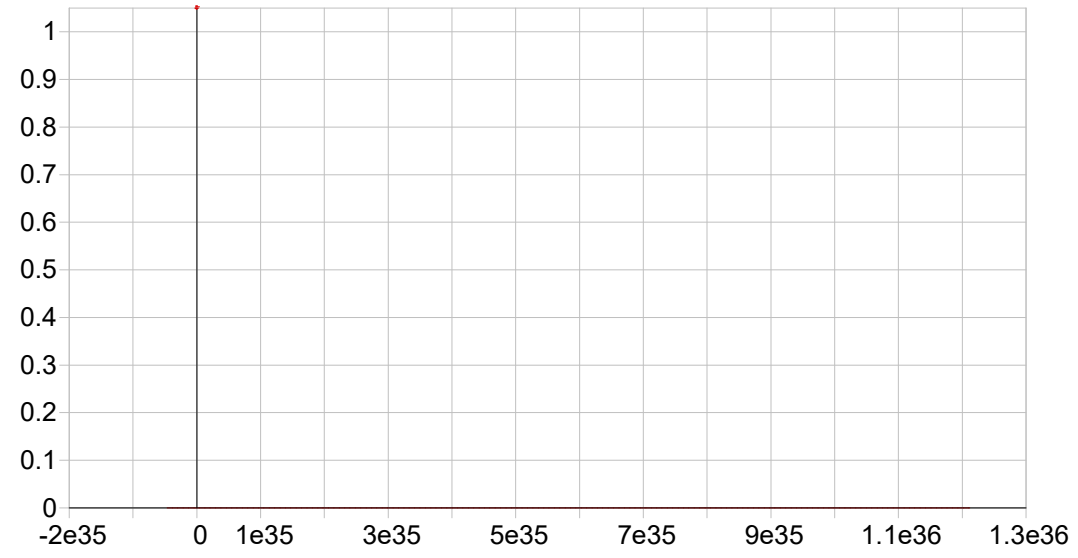
Y 371.030 { 91}*

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

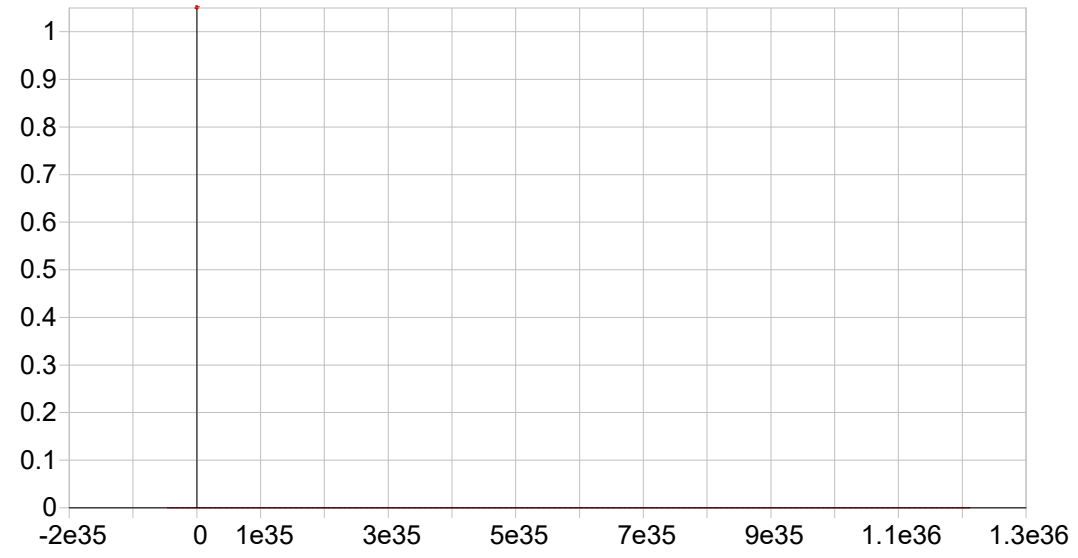
Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790



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:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

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:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S0 Acquired: 12/6/2024 11:48:28 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	**-.00022**	**-.00039**	**-.00021**	**.00050**	**.00008**	**.00032**	**-.01688**	**-.00067**
Stddev	.00002	.00004	.00004	.00012	.00000	.00014	.00255	.00021
%RSD	9.9345	10.231	19.012	24.771	5.7055	43.023	15.090	31.974
#1	-.00023	-.00040	-.00020	.00064	.00008	.00019	-.01863	-.00056
#2	-.00023	-.00034	-.00017	.00043	.00007	.00046	-.01806	-.00053
#3	-.00019	-.00042	-.00025	.00043	.00007	.00031	-.01396	-.00091

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	**-.00024**	**.00207**	**-.00001**	**-.00002**	**.00693**	**-.00000**	**-.00001**	**-.00015**
Stddev	.00005	.00027	.00003	.00014	.00027	.00001	.00001	.00003
%RSD	20.969	13.090	231.16	663.28	3.8603	518.15	150.00	17.668
#1	-.00019	.00197	.00002	.00014	.00667	.00001	-.00001	-.00016
#2	-.00025	.00237	-.00001	-.00011	.00692	-.00001	.00000	-.00017
#3	-.00029	.00185	-.00005	-.00010	.00721	-.00001	-.00002	-.00012

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	**-.00021**	**-.00121**	**.00538**	**.00001**	**.00614**	**.00128**	**.00230**	**.00017**
Stddev	.00018	.00008	.00032	.00003	.00009	.00019	.00006	.00010
%RSD	85.908	6.4949	5.8705	333.60	1.5196	14.960	2.5719	62.027
#1	-.00038	-.00130	.00502	.00000	.00619	.00111	.00223	.00025
#2	-.00022	-.00119	.00548	-.00002	.00603	.00125	.00233	.00019
#3	-.00002	-.00115	.00563	.00004	.00620	.00148	.00234	.00005

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	**.00014**	**.00181**	**.00019**	**-.00110**	**.00018**	**.00204**	**.00016**
Stddev	.00005	.00011	.00004	.00011	.00001	.00073	.00019
%RSD	35.019	6.2799	18.694	10.036	6.8841	35.789	120.82
#1	.00013	.00189	.00018	-.00099	.00017	.00120	.00013
#2	.00010	.00168	.00024	-.00109	.00019	.00242	.00036
#3	.00019	.00187	.00017	-.00121	.00019	.00250	-.00002

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S0 Acquired: 12/6/2024 11:48:28 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	2726.8	63449.	13609.	1900.6	4609.0
Stddev	.2	69.	42.	.6	4.2
%RSD	.00862	.10823	.30855	.03160	.09168
#1	2726.5	63383.	13561.	1901.2	4604.5
#2	2727.0	63520.	13634.	1900.0	4609.9
#3	2726.8	63444.	13632.	1900.6	4612.8

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S1 Acquired: 12/6/2024 11:52:52 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	**.00124**	**.00199**	**.00251**	**.00213**	**.01227**	**.00889**	**.34470**	**.02158**
Stddev	.00016	.00007	.00023	.00007	.00013	.00041	.00276	.00025
%RSD	13.312	3.5660	9.1990	3.0765	1.0804	4.5833	.80000	1.1457
#1	.00139	.00203	.00276	.00208	.01222	.00870	.34748	.02165
#2	.00127	.00191	.00231	.00211	.01217	.00861	.34464	.02178
#3	.00106	.00202	.00245	.00220	.01242	.00935	.34196	.02130

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	**.01288**	**.11126**	**.00200**	**.02558**	**.02425**	**.00055**	**.01389**	**.03243**
Stddev	.00006	.00011	.00005	.00009	.00012	.00001	.00013	.00012
%RSD	.44121	.09720	2.7294	.34498	.50394	1.9857	.92044	.37863
#1	.01282	.11123	.00206	.02548	.02412	.00056	.01390	.03229
#2	.01294	.11138	.00198	.02561	.02437	.00054	.01376	.03246
#3	.01288	.11118	.00196	.02565	.02426	.00055	.01402	.03253

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	**.02435**	**.00151**	**.06449**	**.00506**	**.14998**	**.01942**	**.04569**	**.16265**
Stddev	.00010	.00001	.00010	.00003	.00045	.00005	.00004	.00021
%RSD	.39075	.52897	.15682	.59473	.30190	.24070	.09103	.12888
#1	.02445	.00151	.06438	.00506	.14997	.01938	.04566	.16264
#2	.02426	.00152	.06452	.00503	.15044	.01947	.04574	.16245
#3	.02433	.00151	.06457	.00509	.14954	.01941	.04568	.16287

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	**.00435**	**.02368**	**.00248**	**-.00054**	**.00063**	**.02537**	**.31337**
Stddev	.00010	.00030	.00000	.00002	.00005	.00069	.00118
%RSD	2.2446	1.2511	.07589	4.6000	8.6648	2.7008	.37600
#1	.00431	.02364	.00248	-.00057	.00058	.02505	.31467
#2	.00447	.02400	.00248	-.00052	.00068	.02616	.31308
#3	.00428	.02341	.00247	-.00053	.00064	.02490	.31236

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S1 Acquired: 12/6/2024 11:52:52 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	2661.0	62452.	13516.	1900.7	4451.8
Stddev	4.9	137.	25.	4.1	6.3
%RSD	.18417	.22006	.18737	.21581	.14197
#1	2656.4	62294.	13506.	1897.5	4446.9
#2	2666.2	62545.	13498.	1905.3	4458.9
#3	2660.3	62517.	13545.	1899.2	4449.5

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S2 Acquired: 12/6/2024 11:57:15 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	**.05784**	**.05027**	**.18901**	**.07422**	**.19055**	**.12781**	**5.7760**	**.14622**
Stddev	.00022	.00031	.00023	.00020	.00026	.00083	.0064	.00016
%RSD	.38708	.62251	.12073	.27165	.13396	.64780	.11058	.10894
#1	.05759	.05050	.18924	.07437	.19054	.12876	5.7834	.14635
#2	.05791	.05039	.18879	.07399	.19081	.12748	5.7717	.14626
#3	.05801	.04991	.18899	.07430	.19030	.12720	5.7731	.14604

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	**.85459**	**.21449**	**.03314**	**.34432**	**.16582**	**.00456**	**.26728**	**.05995**
Stddev	.00097	.00065	.00012	.00070	.00042	.00003	.00031	.00012
%RSD	.11314	.30524	.35998	.20275	.25388	.64700	.11621	.19893
#1	.85478	.21446	.03301	.34455	.16539	.00453	.26743	.05999
#2	.85354	.21515	.03315	.34354	.16585	.00457	.26692	.05982
#3	.85544	.21384	.03325	.34488	.16623	.00458	.26748	.06005

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	**.24632**	**.05250**	**.12260**	**.05200**	**1.4272**	**.03713**	**.33723**	**.64246**
Stddev	.00071	.00013	.00035	.00039	.0010	.00015	.00040	.00137
%RSD	.28661	.25630	.28174	.74709	.06969	.39071	.11821	.21279
#1	.24658	.05242	.12298	.05240	1.4278	.03707	.33742	.64177
#2	.24552	.05265	.12250	.05163	1.4278	.03703	.33750	.64404
#3	.24686	.05242	.12231	.05197	1.4261	.03730	.33677	.64158

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	**.08373**	**.43406**	**.00539**	**.02307**	**.01868**	**.90021**	**12.309**
Stddev	.00022	.00038	.00003	.00009	.00013	.00387	.024
%RSD	.26632	.08817	.51709	.37651	.71477	.42990	.19755
#1	.08366	.43362	.00536	.02317	.01863	.90392	12.336
#2	.08355	.43433	.00540	.02303	.01883	.89620	12.301
#3	.08398	.43422	.00541	.02301	.01858	.90052	12.289

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S2 Acquired: 12/6/2024 11:57:15 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	2667.5	62460.	13697.	1885.4	4388.1
Stddev	5.8	71.	31.	3.4	1.1
%RSD	.21904	.11361	.22366	.18296	.02397
#1	2673.5	62378.	13662.	1881.5	4389.0
#2	2661.8	62506.	13708.	1886.8	4388.3
#3	2667.1	62495.	13720.	1887.9	4386.9

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S3 Acquired: 12/6/2024 12:01:33 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	.18085	.15450	.58576	.23149	.58639	.39274	17.585	.44658
Stddev	.00017	.00169	.00055	.00044	.00232	.00019	.144	.00196
%RSD	.09336	1.0966	.09354	.19037	.39623	.04964	.82091	.43897
#1	.18068	.15539	.58630	.23184	.58451	.39292	17.420	.44508
#2	.18102	.15255	.58520	.23100	.58568	.39253	17.690	.44880
#3	.18086	.15556	.58577	.23164	.58899	.39277	17.644	.44587

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	2.6641	.64879	.10166	1.0591	.50534	.01408	.80192	.18374
Stddev	.0021	.00141	.00021	.0010	.00132	.00004	.00162	.00083
%RSD	.08037	.21698	.20379	.08964	.26181	.27301	.20232	.45327
#1	2.6666	.64717	.10149	1.0593	.50390	.01411	.80378	.18303
#2	2.6627	.64970	.10160	1.0599	.50562	.01404	.80116	.18353
#3	2.6630	.64950	.10189	1.0581	.50650	.01408	.80082	.18466

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	.75505	.16190	.37429	.15923	4.3369	.11327	1.0373	1.9694
Stddev	.00076	.00032	.00209	.00019	.0079	.00008	.0020	.0069
%RSD	.10005	.19873	.55816	.11805	.18221	.06671	.19677	.35081
#1	.75592	.16183	.37660	.15902	4.3295	.11320	1.0350	1.9634
#2	.75460	.16163	.37374	.15931	4.3359	.11335	1.0385	1.9678
#3	.75462	.16226	.37254	.15937	4.3452	.11325	1.0385	1.9770

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	.26083	1.3312	.01729	.07519	.05904	2.7127	37.181
Stddev	.00034	.0007	.00009	.00031	.00031	.0078	.047
%RSD	.13149	.05290	.54325	.41594	.52679	.28878	.12530
#1	.26109	1.3306	.01735	.07522	.05901	2.7182	37.138
#2	.26044	1.3320	.01718	.07486	.05875	2.7162	37.173
#3	.26097	1.3310	.01733	.07549	.05937	2.7037	37.231

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S3 Acquired: 12/6/2024 12:01:33 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	2593.8	60852.	13615.	1824.9	4173.5
Stddev	7.1	179.	6.	6.4	3.8
%RSD	.27194	.29383	.04216	.35261	.09046
#1	2601.1	60755.	13622.	1826.0	4175.0
#2	2593.3	61058.	13613.	1830.6	4176.3
#3	2587.0	60742.	13611.	1817.9	4169.2

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S4 Acquired: 12/6/2024 12:05:51 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	**.36554**	**.30250**	**1.1621**	**.46556**	**1.1846**	**.78516**	**34.921**	**.86834**
Stddev	.00079	.00495	.0017	.00117	.0020	.00178	.431	.00227
%RSD	.21658	1.6358	.14556	.25119	.17135	.22708	1.2356	.26158
#1	.36577	.30765	1.1636	.46684	1.1862	.78487	35.306	.87096
#2	.36620	.30206	1.1602	.46530	1.1853	.78354	35.002	.86686
#3	.36466	.29778	1.1624	.46454	1.1823	.78707	34.455	.86721

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	**5.3448**	**1.2734**	**.19995**	**2.1240**	**.99731**	**.02816**	**1.5676**	**.36442**
Stddev	.0076	.0027	.00033	.0011	.00035	.00006	.0069	.00059
%RSD	.14179	.21360	.16719	.05070	.03465	.21818	.44340	.16099
#1	5.3475	1.2763	.20030	2.1248	.99728	.02820	1.5756	.36399
#2	5.3362	1.2727	.19993	2.1228	.99698	.02818	1.5640	.36508
#3	5.3507	1.2710	.19963	2.1246	.99767	.02809	1.5632	.36418

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	**1.5061**	**.32406**	**.77332**	**.31601**	**8.6246**	**.23141**	**2.0340**	**3.9152**
Stddev	.0017	.00061	.00703	.00038	.0096	.00058	.0055	.0055
%RSD	.11513	.18920	.90968	.11985	.11105	.25132	.26906	.14075
#1	1.5081	.32471	.78114	.31643	8.6150	.23208	2.0403	3.9215
#2	1.5047	.32396	.77129	.31591	8.6342	.23114	2.0301	3.9128
#3	1.5056	.32350	.76752	.31570	8.6246	.23102	2.0316	3.9113

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	**.52224**	**2.6374**	**.03532**	**.15501**	**.12091**	**5.5076**	**72.773**
Stddev	.00113	.0079	.00020	.00120	.00057	.0269	.570
%RSD	.21626	.29837	.55316	.77262	.46817	.48845	.78301
#1	.52340	2.6464	.03510	.15596	.12156	5.5318	73.138
#2	.52115	2.6320	.03546	.15540	.12064	5.4787	73.064
#3	.52217	2.6337	.03540	.15367	.12053	5.5125	72.116

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S4 Acquired: 12/6/2024 12:05:51 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	**2510.6**	**59526.**	**13603.**	**1753.8**	**3984.4**
Stddev	2.9	145.	48.	2.0	6.3
%RSD	.11432	.24403	.35479	.11441	.15924
#1	2510.4	59398.	13548.	1755.3	3980.2
#2	2507.9	59496.	13625.	1751.5	3981.2
#3	2513.6	59684.	13637.	1754.5	3991.7

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S5 Acquired: 12/6/2024 12:10:03 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	**.74881**	**.59614**	**2.3164**	**.95335**	**2.4247**	**1.5829**	**69.041**	**1.6842**
Stddev	.00239	.00576	.0037	.00406	.0092	.0007	.463	.0087
%RSD	.31935	.96619	.16011	.42629	.38084	.04359	.67031	.51677
#1	.74754	.59174	2.3136	.95113	2.4206	1.5834	68.518	1.6941
#2	.74732	.59403	2.3149	.95087	2.4182	1.5821	69.397	1.6780
#3	.75157	.60266	2.3206	.95804	2.4352	1.5832	69.208	1.6804

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	**10.707**	**2.5099**	**.39018**	**4.2825**	**1.9841**	**.05615**	**3.0893**	**.73077**
Stddev	.017	.0047	.00156	.0063	.0052	.00010	.0034	.00188
%RSD	.15737	.18821	.39952	.14646	.26215	.18216	.10975	.25677
#1	10.688	2.5150	.39195	4.2759	1.9809	.05616	3.0919	.73288
#2	10.714	2.5058	.38961	4.2834	1.9813	.05624	3.0904	.73017
#3	10.719	2.5088	.38900	4.2883	1.9901	.05604	3.0855	.72927

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	**3.0177**	**.65076**	**1.5863**	**.62700**	**16.849**	**.47783**	**3.9777**	**7.8105**
Stddev	.0040	.00042	.0048	.00048	.076	.00160	.0076	.0286
%RSD	.13274	.06467	.30056	.07666	.45128	.33567	.19203	.36674
#1	3.0131	.65125	1.5861	.62705	16.835	.47620	3.9857	7.7889
#2	3.0204	.65048	1.5912	.62650	16.932	.47941	3.9705	7.7996
#3	3.0197	.65056	1.5817	.62745	16.781	.47788	3.9769	7.8430

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	**1.0419**	**5.2572**	**.07316**	**.32102**	**.25277**	**11.169**	**140.96**
Stddev	.0016	.0044	.00034	.00106	.00076	.033	.60
%RSD	.15731	.08416	.46468	.32970	.30031	.29966	.42476
#1	1.0401	5.2597	.07278	.32086	.25192	11.131	140.32
#2	1.0422	5.2599	.07342	.32004	.25302	11.190	141.04
#3	1.0433	5.2521	.07330	.32214	.25338	11.187	141.51

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: S5 Acquired: 12/6/2024 12:10:03 Type: Cal
Method: NON EPA-6010-200.7(v2499) 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	2360.9	57482.	13409.	1652.1	3692.2
Stddev	6.0	136.	42.	12.3	7.5
%RSD	.25338	.23586	.31296	.74679	.20182
#1	2365.9	57426.	13363.	1654.2	3700.7
#2	2362.4	57383.	13416.	1638.9	3688.2
#3	2354.3	57636.	13446.	1663.3	3687.5

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICV01 Acquired: 12/6/2024 12:14:17 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.9950069**	**1.038737**	**.9999449**	**1.028630**	**1.019173**	**2.569841**
Stddev	.0028617	.010441	.0007274	.004002	.003013	.012211
%RSD	.2876079	1.005143	.0727429	.3890846	.2956281	.4751669
#1	.9945823	1.047529	1.000375	1.029905	1.019067	2.556201
#2	.9980571	1.041486	.999105	1.031840	1.022237	2.579753
#3	.9923812	1.027197	1.000355	1.024146	1.016214	2.573570

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5157129**	**.5176569**	**.5034005**	**10.08203**	**.5262517**	**.5120550**
Stddev	.0009090	.0010968	.0008408	.01544	.0017604	.0003531
%RSD	.1762651	.2118779	.1670290	.1531862	.3345245	.0689680
#1	.5158260	.5169744	.5034715	10.09811	.5246065	.5117838
#2	.5147527	.5189221	.5025265	10.08068	.5281082	.5119268
#3	.5165601	.5170742	.5042036	10.06731	.5260403	.5124543

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5279246**	**9.869855**	**.5211655**	**5.929339**	**.5140424**	**.2530267**
Stddev	.0002850	.030712	.0020728	.026434	.0002354	.0003611
%RSD	.0539772	.3111736	.3977163	.4458142	.0457855	.1427094
#1	.5278434	9.901266	.5228964	5.959823	.5140461	.2526507
#2	.5282413	9.839892	.5188685	5.915430	.5138052	.2530584
#3	.5276891	9.868408	.5217317	5.912763	.5142758	.2533708

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.548372**	**.5127348**	**1.032034**	**9.768405**	F **.0171183**	F **.0008645**
Stddev	.023525	.0021372	.001802	.041022	.0001846	.0002317
%RSD	.2463789	.4168232	.1746177	.4199441	1.078452	26.79697
#1	9.538203	.5119341	1.034098	9.771677	.0173089	.0009795
#2	9.531642	.5111136	1.030772	9.725846	.0171057	.0010162
#3	9.575271	.5151567	1.031233	9.807693	.0169403	.0005979

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICV01 Acquired: 12/6/2024 12:14:17 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	F -.001003	F -.000268	F .0016140	F .0055422	F .0000184	F -.001585
Stddev	.000688	.000307	.0040285	.0007679	.0016537	.000273
%RSD	68.59483	114.5122	249.5954	13.85517	8991.099	17.22181
#1	-.000286	.000086	-.002485	.0064252	-.001224	-.001755
#2	-.001658	-.000446	.001759	.0050310	.001895	-.001730
#3	-.001065	-.000446	.005568	.0051704	-.000616	-.001270

Elem	Sr4077
Units	ppm
Avg	F -.008410
Stddev	.000012
%RSD	.1414048
#1	-.008417
#2	-.008396
#3	-.008416

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.778	61204.47	13834.45	1784.520	4254.546
Stddev	.382	131.57	35.12	8.527	3.748
%RSD	.0149323	.2149605	.2538940	.4778404	.0881026
#1	2559.485	61072.23	13793.89	1775.295	4257.848
#2	2559.640	61335.34	13854.28	1792.114	4255.320
#3	2560.210	61205.83	13855.17	1786.150	4250.472

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: LLICV01 Acquired: 12/6/2024 12:20:00 Type: Unk
Method: NON EPA-6010-200.7(v2499) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197574	.0401282	.0105228	.0179678	.0510959	.1047103	.0969324
Stddev	.0016683	.0019763	.0002140	.0018892	.0007199	.0051237	.0005104
%RSD	8.443734	4.924947	2.033246	10.51419	1.408942	4.893188	.5264997
#1	.0216661	.0410829	.0107088	.0201037	.0507401	.0988443	.0963998
#2	.0185779	.0378558	.0102889	.0165158	.0506232	.1069768	.0974171
#3	.0190283	.0414458	.0105705	.0172839	.0519244	.1083099	.0969803

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061992	.0059792	2.047987	.0100479	.0295078	.0221209	.0980836
Stddev	.0000459	.0000366	.004877	.0000849	.0001777	.0003021	.0031014
%RSD	.7405079	.6127171	.2381501	.8448687	.6021712	1.365481	3.161978
#1	.0061470	.0059705	2.044714	.0100289	.0295120	.0218344	.0986080
#2	.0062332	.0059476	2.053593	.0101407	.0296834	.0224364	.1008894
#3	.0062174	.0060193	2.045654	.0099741	.0293281	.0220918	.0947535

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206428	2.135528	.0395155	.0105519	1.810484	.0398113	.0421728
Stddev	.0003721	.018403	.0002696	.0002891	.006134	.0006520	.0003351
%RSD	1.802700	.8617437	.6822485	2.740130	.3388003	1.637633	.7944888
#1	.0203251	2.128560	.0392208	.0102347	1.803908	.0399039	.0419749
#2	.0205511	2.121627	.0397498	.0106204	1.811493	.0404120	.0419838
#3	.0210522	2.156398	.0395761	.0108007	1.816051	.0391180	.0425596

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.892993	.1096103	.2064980	.0386066	.0398072	.3250473	.0172820
Stddev	.026283	.0002841	.0003329	.0011064	.0004682	.0074770	.0025005
%RSD	1.388412	.2591782	.1611992	2.865741	1.176147	2.300288	14.46887
#1	1.862735	.1099217	.2063649	.0373491	.0403476	.3219443	.0144522
#2	1.910148	.1093654	.2068768	.0390404	.0395516	.3196213	.0191935
#3	1.906097	.1095437	.2062523	.0394304	.0395225	.3335762	.0182004

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: LLICV01 Acquired: 12/6/2024 12:20:00 Type: Unk
Method: NON EPA-6010-200.7(v2499) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LLICV01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0186481	.0190730	.0208366
Stddev	.0014159	.0008382	.0000543
%RSD	7.592906	4.394694	.2606892
#1	.0178629	.0181053	.0207794
#2	.0177988	.0195718	.0208874
#3	.0202827	.0195420	.0208429

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2628.144	62337.53	13815.33	1818.083	4469.142
Stddev	5.077	115.47	34.64	3.778	4.438
%RSD	.1931852	.1852287	.2507068	.2078179	.0993123
#1	2625.606	62291.99	13781.70	1815.335	4467.064
#2	2624.837	62468.82	13813.39	1822.392	4466.124
#3	2633.990	62251.77	13850.89	1816.522	4474.239

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICB01 Acquired: 12/6/2024 12:24:17 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0000253	-.000293	-.000761	-.000901	.0007179	-.002897	-.001949
Stddev	.0009467	.001024	.000053	.001988	.0002503	.005373	.000579
%RSD	3735.830	349.6381	6.986214	220.7912	34.86452	185.4472	29.70832
#1	-.001067	-.000243	-.000816	-.000789	.0008415	-.008956	-.002000
#2	.000602	.000705	-.000710	-.002942	.0008824	-.001023	-.002501
#3	.000541	-.001341	-.000758	.001030	.0004299	.001287	-.001346

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000747	.0000272	-.007974	.0000199	.0000095	-.000472	-.000292
Stddev	.0000312	.0000680	.005365	.0001304	.0001458	.000373	.002155
%RSD	41.74590	250.0801	67.28682	656.6102	1536.797	79.01908	737.7539
#1	.0000689	.0000220	-.002624	-.000102	.0001542	-.000671	.001237
#2	.0000468	.0000976	-.013355	.000157	.0000118	-.000042	.000643
#3	.0001084	-.000038	-.007943	.000005	-.000137	-.000702	-.002756

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000079	.0021320	.0002536	.0002897	-.024239	.0001112	-.001036
Stddev	.000206	.0090437	.0000755	.0002962	.010584	.0008309	.000355
%RSD	261.3619	424.1807	29.76968	102.2270	43.66376	747.1582	34.27853
#1	-.000277	-.005748	.0002468	.0004344	-.035854	-.000801	-.000909
#2	-.000093	.012006	.0001818	.0004858	-.021721	.000825	-.001437
#3	.000134	.000138	.0003323	-.000051	-.015141	.000310	-.000761

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.027134	.0025701	.0001850	-.000717	-.000123	-.005075	-.003040
Stddev	.005615	.0002689	.0001896	.000714	.000290	.001741	.001188
%RSD	20.69546	10.46323	102.4880	99.52676	236.6660	34.29779	39.08140
#1	-.032643	.0023176	.0001426	-.000093	-.000054	-.007019	-.002289
#2	-.021418	.0028529	.0003922	-.001496	-.000441	-.004549	-.004410
#3	-.027340	.0025400	.0000202	-.000563	.000127	-.003658	-.002421

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICB01 Acquired: 12/6/2024 12:24:17 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**-.002511**	**-.000694**	**-.000013**
Stddev	.001082	.000756	.000008
%RSD	43.10342	108.8764	64.60847
#1	-.001275	-.001553	-.000004
#2	-.002968	-.000398	-.000015
#3	-.003289	-.000131	-.000020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2630.432**	**62730.96**	**13713.69**	**1842.909**	**4551.111**
Stddev	2.480	127.90	33.54	9.804	3.534
%RSD	.0942910	.2038821	.2445837	.5320090	.0776587
#1	2632.978	62625.70	13675.32	1835.229	4550.209
#2	2628.023	62873.30	13728.32	1853.953	4555.009
#3	2630.293	62693.88	13737.44	1839.546	4548.115

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CRI01 Acquired: 12/6/2024 12:28:38 Type: Unk
Method: NON EPA-6010-200.7(v2499) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201963	.0413979	.0111279	.0198316	.0500760	.1045023	.0974534
Stddev	.0017517	.0006105	.0004816	.0015222	.0004341	.0018720	.0004883
%RSD	8.673097	1.474723	4.327881	7.675573	.8668846	1.791369	.5010490
#1	.0217317	.0415432	.0109969	.0187027	.0503726	.1064286	.0974077
#2	.0182883	.0419226	.0116615	.0215628	.0502777	.1043883	.0979630
#3	.0205689	.0407279	.0107254	.0192294	.0495778	.1026898	.0969896

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061969	.0058934	2.062441	.0100219	.0294539	.0220463	.0965879
Stddev	.0000545	.0000196	.004360	.0001192	.0000219	.0002535	.0029766
%RSD	.8786304	.3329655	.2114025	1.188857	.0742097	1.149838	3.081710
#1	.0062424	.0059076	2.059521	.0099660	.0294359	.0217870	.0936798
#2	.0061366	.0058710	2.060350	.0101587	.0294782	.0220583	.0964553
#3	.0062116	.0059016	2.067453	.0099409	.0294475	.0222936	.0996285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209596	2.156755	.0399791	.0102858	1.810461	.0402960	.0424250
Stddev	.0002611	.010422	.0002380	.0000914	.004317	.0004720	.0002633
%RSD	1.245573	.4832234	.5954233	.8883905	.2384321	1.171310	.6207488
#1	.0206582	2.145625	.0400068	.0101838	1.808221	.0400719	.0427249
#2	.0211073	2.166284	.0397284	.0103603	1.815437	.0408382	.0422316
#3	.0211134	2.158355	.0402021	.0103131	1.807724	.0399777	.0423185

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.909635	.1046205	.2075951	.0392162	.0399823	.3276935	.0157701
Stddev	.015574	.0012230	.0002234	.0008271	.0006459	.0023233	.0000421
%RSD	.8155704	1.169006	.1076037	2.109148	1.615600	.7089847	.2667196
#1	1.901684	.1054938	.2073728	.0397868	.0406016	.3292681	.0157218
#2	1.899640	.1051449	.2078196	.0395942	.0400327	.3250251	.0157893
#3	1.927580	.1032227	.2075930	.0382676	.0393126	.3287871	.0157991

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CRI01 Acquired: 12/6/2024 12:28:38 Type: Unk
Method: NON EPA-6010-200.7(v2499) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CRI01 Custom ID2: Custom ID3:
Comment:

Elem	S_1820	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0176617	.0190053	.0208996
Stddev	.0013953	.0004148	.0000993
%RSD	7.900256	2.182674	.4751635
#1	.0165653	.0185448	.0208044
#2	.0171873	.0193496	.0210025
#3	.0192323	.0191215	.0208918

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.061	62651.80	13838.39	1840.801	4469.738
Stddev	4.942	24.18	34.59	1.314	6.147
%RSD	.1884121	.0385967	.2499434	.0713570	.1375191
#1	2626.130	62626.00	13847.81	1841.926	4476.799
#2	2617.359	62673.95	13800.07	1841.120	4465.583
#3	2625.693	62655.45	13867.29	1839.358	4466.832

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICSA01 Acquired: 12/6/2024 12:50:59 Type: Unk
Method: NON EPA-6010-200.7(v2500) 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	.0063854	-.002739	.0119258	-.018612	-.002001	266.5186
Stddev	.0033028	.001724	.0036034	.001451	.001288	.7309
%RSD	51.72429	62.95691	30.21493	7.794018	64.33635	.2742523
#1	.0094744	-.004194	.0146562	-.020254	-.003339	265.6864
#2	.0067779	-.000835	.0132797	-.018078	-.001894	267.0565
#3	.0029039	-.003187	.0078416	-.017505	-.000771	266.8129

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018154	.0014751	.0043327	249.8535	.0583485	.0024317
Stddev	.0001730	.0000786	.0001223	.3661	.0005579	.0001563
%RSD	9.527467	5.327302	2.823242	.1465126	.9562160	6.425755
#1	.0016177	.0013864	.0042850	249.6284	.0586934	.0022514
#2	.0019387	.0015030	.0044717	249.6563	.0577048	.0025147
#3	.0018898	.0015359	.0042414	250.2759	.0586473	.0025289

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000591	100.8494	.0048669	272.7946	.0328801	-.001234
Stddev	.000253	.1015	.0003964	.4506	.0004125	.000325
%RSD	42.85432	.1006465	8.143914	.1651949	1.254609	26.33863
#1	-.000308	100.8687	.0044702	273.0765	.0326809	-.001604
#2	-.000796	100.9399	.0052629	272.2748	.0333544	-.000997
#3	-.000671	100.7397	.0048677	273.0324	.0326050	-.001100

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1198943	.0083412	-.006247	.0140736	.0284579	-.000568
Stddev	.0185452	.0008590	.000551	.0300609	.0001910	.000423
%RSD	15.46796	10.29892	8.813736	213.5974	.6711721	74.40550
#1	.1024381	.0091851	-.005682	-.020633	.0282532	-.000136
#2	.1178808	.0074677	-.006278	.031900	.0286313	-.000981
#3	.1393641	.0083707	-.006782	.030954	.0284891	-.000588

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICSA01 Acquired: 12/6/2024 12:50:59 Type: Unk
Method: NON EPA-6010-200.7(v2500) 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	-.004676	-.001326	.0149330	.0099043	-.010352	F -.042326
Stddev	.000862	.000317	.0035167	.0030890	.002167	.000349
%RSD	18.43248	23.93306	23.55013	31.18797	20.93821	.8233658
#1	-.005669	-.001166	.0182420	.0067056	-.010715	-.041947
#2	-.004230	-.001691	.0153170	.0128703	-.012314	-.042400
#3	-.004128	-.001120	.0112400	.0101372	-.008025	-.042632

Elem	Sr4077
Units	ppm
Avg	.0050121
Stddev	.0003446
%RSD	6.875707
#1	.0049978
#2	.0046749
#3	.0053637

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.902	53075.65	12894.81	1529.947	3409.916
Stddev	3.345	146.79	5.48	2.091	7.888
%RSD	.1493833	.2765608	.0424993	.1366437	.2313348
#1	2235.912	52928.51	12896.84	1529.764	3403.554
#2	2242.514	53076.36	12898.98	1532.123	3418.742
#3	2238.279	53222.08	12888.60	1527.954	3407.452

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICSAB01 Acquired: 12/6/2024 12:55:37 Type: Unk
Method: NON EPA-6010-200.7(v2501) 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	.1059221	.0813965	.0605307	.0330611	.6084385	264.3929
Stddev	.0034553	.0022020	.0015122	.0019710	.0032580	.6576
%RSD	3.262159	2.705287	2.498289	5.961599	.5354672	.2487206
#1	.1023155	.0799463	.0611061	.0343692	.6060721	264.4402
#2	.1092032	.0803129	.0588152	.0307942	.6070891	263.7129
#3	.1062476	.0839304	.0616707	.0340199	.6121544	265.0256

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5007856	.5067591	1.008522	245.5568	.5613862	.5084212
Stddev	.0007624	.0015132	.001264	.3083	.0015857	.0010860
%RSD	.1522398	.2985984	.1253184	.1255328	.2824689	.2136085
#1	.5016006	.5082893	1.008851	245.2185	.5620442	.5093958
#2	.5000898	.5052636	1.009588	245.6302	.5595773	.5086173
#3	.5006666	.5067245	1.007126	245.8217	.5625370	.5072505

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4859634	99.23169	.4945183	267.9322	1.030547	.1963589
Stddev	.0021362	.24412	.0008962	.6552	.001539	.0006850
%RSD	.4395757	.2460079	.1812226	.2445439	.1493192	.3488267
#1	.4854381	98.99002	.4938786	267.1963	1.029249	.1963172
#2	.4841389	99.47818	.4955426	268.1481	1.032247	.1956957
#3	.4883132	99.22687	.4941337	268.4522	1.030146	.1970637

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040701	.5013904	.9420485	-.035493	F .0255190	F -.000038
Stddev	.0153071	.0007554	.0019592	.026692	.0003536	.000499
%RSD	14.70843	.1506528	.2079756	75.20350	1.385676	1310.018
#1	.0884675	.5007704	.9399279	-.060253	.0253110	.000035
#2	.1046794	.5011691	.9437912	-.039011	.0253187	-.000570
#3	.1190635	.5022317	.9424266	-.007217	.0259273	.000420

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICSAB01 Acquired: 12/6/2024 12:55:37 Type: Unk
Method: NON EPA-6010-200.7(v2501) 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	F -.003845	F -.002145	F .0065975	F .0158147	F -.008894	F -.041752
Stddev	.001683	.000177	.0053558	.0030141	.001734	.000542
%RSD	43.77436	8.229233	81.17849	19.05901	19.50009	1.297333
#1	-.004807	-.002182	.0010983	.0189261	-.010227	-.041333
#2	-.001901	-.002300	.0068971	.0129084	-.009523	-.042363
#3	-.004826	-.001953	.0117973	.0156094	-.006933	-.041559

Elem	Sr4077
Units	ppm
Avg	F .0056664
Stddev	.0002544
%RSD	4.489452
#1	.0059365
#2	.0054313
#3	.0056314

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.778	53242.00	12980.13	1521.910	3404.036
Stddev	8.481	158.59	14.90	4.069	1.801
%RSD	.3829102	.2978625	.1148195	.2673624	.0529175
#1	2217.335	53383.28	12987.69	1526.172	3405.882
#2	2221.686	53070.46	12962.96	1518.066	3403.942
#3	2205.313	53272.26	12989.74	1521.491	3402.283

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICSADLX20 Acquired: 12/6/2024 13:00:39 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**-.001618**	**-.000577**	**-.000760**	**-.000571**	**-.000399**	**12.46810**	**-.003077**
Stddev	.001221	.000413	.000413	.001655	.000676	.01442	.000395
%RSD	75.47271	71.50182	54.41643	289.8103	169.5207	.1156661	12.84597
#1	-.000682	-.000101	-.000944	-.002022	-.000739	12.48473	-.002825
#2	-.001172	-.000807	-.001048	-.000922	.000380	12.46066	-.002874
#3	-.002999	-.000825	-.000286	.001231	-.000837	12.45893	-.003533

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001709**	**.0001369**	**12.29117**	**.0029441**	**.0001721**	**.0000233**	**4.823142**
Stddev	.0000302	.0000256	.00222	.0000887	.0000854	.0004529	.015095
%RSD	17.65777	18.67515	.0180800	3.013338	49.64014	1946.584	.3129640
#1	.0002042	.0001287	12.29365	.0028438	.0002427	.0002662	4.808951
#2	.0001632	.0001165	12.28936	.0029760	.0001965	-.000499	4.821473
#3	.0001453	.0001656	12.29051	.0030124	.0000771	.000303	4.839002

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001265**	**12.59746**	**.0015733**	**.0004712**	**.0237593**	**.0001641**	**.0066109**
Stddev	.0001699	.01047	.0002686	.0002709	.0094821	.0006002	.0002950
%RSD	134.3389	.0831405	17.06987	57.48942	39.90911	365.8484	4.462365
#1	-.000068	12.58537	.0014300	.0005350	.0128951	.0001627	.0064123
#2	.000204	12.60390	.0014067	.0001741	.0303690	-.000435	.0069499
#3	.000244	12.60310	.0018831	.0007045	.0280140	.000765	.0064705

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.082883**	**-.002038**	**.0000606**	**-.001168**	**-.000126**	**.0028389**	**-.000528**
Stddev	.015638	.000289	.0001937	.000435	.000335	.0022601	.002015
%RSD	18.86762	14.19451	319.5562	37.27801	265.5930	79.61192	381.9478
#1	-.086324	-.001793	.0002835	-.001000	-.000512	.0054452	-.001222
#2	-.096515	-.001965	-.000035	-.001662	.000089	.0016495	-.002104
#3	-.065811	-.002357	-.000067	-.000842	.000045	.0014218	.001743

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICSADLX20 Acquired: 12/6/2024 13:00:39 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**-.001399**	**-.003075**	**.0003358**
Stddev	.002458	.000369	.0000527
%RSD	175.7183	11.99668	15.69576
#1	-.002319	-.003436	.0003829
#2	.001386	-.002698	.0002789
#3	-.003264	-.003090	.0003457

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2559.546**	**60663.29**	**13746.54**	**1757.232**	**4279.929**
Stddev	7.242	93.62	50.57	4.266	5.448
%RSD	.2829293	.1543194	.3678670	.2427453	.1272938
#1	2564.901	60557.25	13689.20	1752.573	4283.341
#2	2562.430	60734.49	13765.68	1760.947	4282.800
#3	2551.306	60698.13	13784.75	1758.175	4273.646

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICSABDLX20 Acquired: 12/6/2024 13:04:56 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0053292	.0040052	.0024986	.0029592	.0289567	12.68437	.0220010
Stddev	.0005051	.0005618	.0003095	.0006637	.0008168	.01260	.0002140
%RSD	9.477210	14.02653	12.38838	22.42917	2.820772	.0992977	.9725497
#1	.0054074	.0037929	.0022066	.0026880	.0298811	12.69042	.0217540
#2	.0057907	.0046422	.0028231	.0024740	.0286562	12.66990	.0221196
#3	.0047897	.0035804	.0024661	.0037156	.0283326	12.69281	.0221294

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0263245	.0505586	12.50434	.0292528	.0252048	.0261039	4.867997
Stddev	.0001959	.0001981	.06253	.0002123	.0001419	.0004415	.016522
%RSD	.7440318	.3918759	.5000715	.7258489	.5630204	1.691219	.3393934
#1	.0262514	.0503449	12.47868	.0290697	.0250971	.0264311	4.869389
#2	.0261757	.0507361	12.45873	.0292032	.0251518	.0256018	4.850823
#3	.0265464	.0505949	12.57562	.0294856	.0253656	.0262789	4.883779

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0255702	12.87197	.0524531	.0096538	.0260082	.0255962	.0599401
Stddev	.0002569	.06893	.0003218	.0002170	.0074765	.0010123	.0003212
%RSD	1.004602	.5354789	.6135939	2.248096	28.74674	3.954994	.5359417
#1	.0252899	12.80073	.0523613	.0094355	.0183687	.0259280	.0603108
#2	.0257944	12.87686	.0528108	.0098695	.0263457	.0264010	.0597672
#3	.0256262	12.93833	.0521870	.0096565	.0333103	.0244596	.0597423

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.069083	-.001837	.0000726	-.001031	.0001386	-.001186	-.000733
Stddev	.013857	.000349	.0001591	.000072	.0000909	.003069	.001170
%RSD	20.05806	18.96945	219.2010	7.011499	65.53578	258.6971	159.6319
#1	-.084884	-.002232	.0001520	-.001019	.0001700	.000446	.000113
#2	-.059004	-.001572	-.000111	-.000966	.0002097	.000722	-.000244
#3	-.063360	-.001708	.000176	-.001109	.0000363	-.004726	-.002068

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: ICSABDLX20 Acquired: 12/6/2024 13:04:56 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0007419	-.003215	.0003585
Stddev	.0026330	.000093	.0000137
%RSD	354.9187	2.903302	3.821641
#1	-.000581	-.003163	.0003633
#2	.003774	-.003159	.0003691
#3	-.000968	-.003323	.0003430

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2549.990	60582.70	13675.34	1760.355	4241.477
Stddev	6.313	179.48	38.22	14.010	2.148
%RSD	.2475821	.2962560	.2795159	.7958600	.0506346
#1	2543.795	60405.40	13646.30	1747.068	4239.359
#2	2556.415	60578.42	13718.64	1759.006	4243.653
#3	2549.760	60764.28	13661.07	1774.990	4241.419

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV01 Acquired: 12/6/2024 13:09:11 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**5.005538**	**5.054725**	**5.015509**	**5.058872**	**4.950787**	**10.04433**	**9.798900**
Stddev	.015915	.043344	.004444	.020971	.014751	.03133	.066203
%RSD	.3179491	.8574958	.0886047	.4145346	.2979559	.3118767	.6756216
#1	4.993868	5.103353	5.019310	5.063379	4.942412	10.01468	9.722456
#2	4.999078	5.040671	5.016595	5.036014	4.942129	10.07709	9.837420
#3	5.023667	5.020153	5.010623	5.077223	4.967819	10.04121	9.836824

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2491318**	**2.516681**	**24.74840**	**1.022059**	**2.509178**	**1.275389**	**4.942168**
Stddev	.0008747	.002745	.05478	.000151	.001560	.005217	.013297
%RSD	.3511085	.1090783	.2213596	.0148012	.0621568	.4090849	.2690492
#1	.2485789	2.519686	24.68520	1.021912	2.510979	1.273338	4.942060
#2	.2501403	2.514305	24.77751	1.022051	2.508235	1.271509	4.955518
#3	.2486762	2.516052	24.78247	1.022215	2.508321	1.281320	4.928925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.441746**	**24.78151**	**2.513097**	**1.248762**	**24.25260**	**2.500861**	**2.553939**
Stddev	.006471	.08560	.001473	.000553	.13059	.005470	.010461
%RSD	.2649954	.3454223	.0586315	.0442939	.5384431	.2187338	.4096132
#1	2.437243	24.70740	2.514771	1.248864	24.39215	2.494703	2.563830
#2	2.449161	24.76193	2.511997	1.248165	24.23230	2.502720	2.542988
#3	2.438834	24.87521	2.512524	1.249257	24.13335	2.505160	2.554999

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**24.73519**	**4.923375**	**5.111328**	**5.014973**	**4.925971**	**5.031279**	**4.997046**
Stddev	.01825	.016656	.013486	.009751	.013523	.016709	.023921
%RSD	.0737916	.3383126	.2638527	.1944363	.2745223	.3321031	.4787048
#1	24.71456	4.917144	5.112811	5.023659	4.912595	5.012035	5.021356
#2	24.74180	4.942248	5.097162	5.016835	4.939636	5.042108	4.996248
#3	24.74922	4.910732	5.124012	5.004426	4.925680	5.039693	4.973534

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV01 Acquired: 12/6/2024 13:09:11 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**4.932878**	**4.878441**	**4.985567**
Stddev	.011247	.015268	.018288
%RSD	.2280064	.3129707	.3668204
#1	4.945806	4.872037	4.995374
#2	4.925340	4.895868	4.996860
#3	4.927489	4.867418	4.964467

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2397.342**	**57389.84**	**13378.23**	**1636.538**	**3839.920**
Stddev	9.982	114.65	27.50	8.163	7.507
%RSD	.4163771	.1997707	.2055222	.4988193	.1954965
#1	2400.539	57262.93	13386.58	1629.265	3840.803
#2	2405.333	57485.93	13347.54	1645.368	3846.946
#3	2386.153	57420.67	13400.60	1634.982	3832.010

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB01 Acquired: 12/6/2024 13:13:22 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0003873	-.000809	-.000342	-.000897	.0025424	.0047262	-.003306
Stddev	.0013453	.000414	.000709	.001640	.0010663	.0013887	.000301
%RSD	347.3974	51.13013	206.9574	182.8695	41.94056	29.38348	9.110529
#1	.0007804	-.001192	-.001121	-.002786	.0033889	.0036288	-.003152
#2	-.001111	-.000864	.000265	.000163	.0028934	.0062875	-.003113
#3	.001492	-.000371	-.000171	-.000067	.0013448	.0042622	-.003653

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000496	.0000819	.0056747	.0001199	-.000042	-.000045	-.001311
Stddev	.0000304	.0000374	.0040675	.0001316	.000210	.000163	.002423
%RSD	61.22673	45.70448	71.67782	109.7083	496.4624	362.2307	184.9066
#1	.0000280	.0000528	.0046658	.0000055	.000013	-.000225	.001487
#2	.0000844	.0000688	.0022066	.0000906	.000134	-.000004	-.002742
#3	.0000365	.0001242	.0101517	.0002637	-.000274	.000094	-.002677

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001391	-.001924	.0001516	.0003660	-.018926	.0002725	-.000743
Stddev	.0000913	.006387	.0001549	.0001604	.007189	.0010204	.000109
%RSD	65.60471	331.9341	102.2069	43.82366	37.98718	374.5050	14.67319
#1	.0001957	.004977	-.000013	.0003814	-.026969	.0003428	-.000673
#2	.0000338	-.003122	.000294	.0005181	-.016686	.0012559	-.000686
#3	.0001878	-.007627	.000174	.0001984	-.013124	-.000781	-.000868

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.085436	.0031635	.0005602	-.000237	.0003746	.0022959	-.003111
Stddev	.005787	.0008540	.0000928	.000549	.0002374	.0055048	.001558
%RSD	6.774034	26.99595	16.57188	232.2330	63.36872	239.7645	50.10182
#1	-.087854	.0032695	.0005994	.000348	.0002783	.0057368	-.004892
#2	-.089623	.0039596	.0006270	-.000316	.0002005	.0052039	-.002442
#3	-.078832	.0022614	.0004542	-.000742	.0006450	-.004053	-.001998

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB01 Acquired: 12/6/2024 13:13:22 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.002629	-.000999	.0000787
Stddev	.001614	.000699	.0000206
%RSD	61.37778	69.98563	26.22550
#1	-.004276	-.001616	.0000623
#2	-.002561	-.001142	.0001018
#3	-.001051	-.000239	.0000719

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2580.299	61457.50	13697.25	1772.695	4477.651
Stddev	2.173	44.99	18.32	7.653	2.170
%RSD	.0842295	.0732025	.1337797	.4317253	.0484628
#1	2580.977	61431.39	13695.49	1764.316	4475.236
#2	2582.052	61431.67	13679.88	1779.317	4479.437
#3	2577.867	61509.45	13716.40	1774.451	4478.280

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165393BL Acquired: 12/6/2024 13:17:43 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0014470	.0008959	.0000788	.0018095	.0012197	.0014824	-.003185
Stddev	.0002523	.0029674	.0004052	.0009612	.0001342	.0016359	.000368
%RSD	17.43433	331.2240	514.0006	53.11931	11.00506	110.3569	11.55506
#1	.0011560	-.001465	-.000197	.0009480	.0013483	.0029656	-.003423
#2	.0016038	.004227	-.000111	.0028462	.0012301	-.000272	-.003371
#3	.0015812	-.000075	.000544	.0016342	.0010805	.001754	-.002761

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002649	.0002578	.0117292	.0004886	.0002919	.0000716	.0045312
Stddev	.0000489	.0000364	.0035850	.0002387	.0001375	.0002316	.0035594
%RSD	18.44493	14.11150	30.56478	48.85766	47.10691	323.3528	78.55280
#1	.0003176	.0002764	.0099368	.0006844	.0003301	.0001754	.0085249
#2	.0002560	.0002158	.0093939	.0005587	.0004062	-.000194	.0033748
#3	.0002211	.0002811	.0158569	.0002227	.0001393	.000233	.0016938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001209	.0069856	.0006277	.0007348	-.012655	.0006485	.0008882
Stddev	.0001961	.0068030	.0000496	.0001762	.007268	.0010181	.0001398
%RSD	162.2094	97.38687	7.900381	23.97554	57.43390	157.0006	15.73964
#1	.0000313	.0035176	.0005730	.0008977	-.021005	-.000483	.0007297
#2	-.000014	.0148237	.0006698	.0005478	-.009209	.001491	.0009939
#3	.000346	.0026154	.0006403	.0007588	-.007750	.000938	.0009410

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.054090	.0001053	.0005813	-.000030	.0003292	.0030489	.0056016
Stddev	.009717	.0001468	.0001211	.000764	.0008536	.0072897	.0014257
%RSD	17.96418	139.4397	20.83398	2573.924	259.2865	239.0939	25.45170
#1	-.047888	-.000010	.0004435	.000616	.0013032	.0044889	.0072248
#2	-.065289	.000271	.0006295	.000169	-.000027	-.004853	.0045526
#3	-.049094	.000055	.0006708	-.000873	-.000288	.009511	.0050273

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165393BL Acquired: 12/6/2024 13:17:43 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.000708	-.001139	.0002457
Stddev	.001059	.000527	.0000323
%RSD	149.5177	46.24949	13.15248
#1	.000434	-.001746	.0002822
#2	-.001658	-.000857	.0002207
#3	-.000901	-.000813	.0002342

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2579.192	61451.45	13740.65	1743.345	4481.918
Stddev	8.109	162.35	31.17	5.906	12.458
%RSD	.3144045	.2641969	.2268205	.3387821	.2779695
#1	2574.470	61513.14	13707.08	1744.673	4471.669
#2	2574.551	61573.91	13768.66	1748.474	4478.301
#3	2588.555	61267.29	13746.21	1736.888	4495.785

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165393BS Acquired: 12/6/2024 13:22:04 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.7406467**	**1.984188**	**.9502460**	**1.863648**	**.7421918**	**1.956336**
Stddev	.0017407	.013955	.0010834	.006447	.0022757	.007227
%RSD	.2350207	.7032916	.1140114	.3459478	.3066175	.3694077
#1	.7426566	1.998657	.9509223	1.868391	.7407821	1.948280
#2	.7396435	1.983096	.9508193	1.866246	.7409762	1.958480
#3	.7396399	1.970812	.9489964	1.856307	.7448172	1.962248

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1896989**	**.2056008**	**.1907559**	**1.032822**	**.4004463**	**.1934634**
Stddev	.0007150	.0000702	.0003077	.006390	.0008048	.0003330
%RSD	.3769134	.0341233	.1613058	.6187256	.2009841	.1721191
#1	.1891947	.2055207	.1909013	1.033185	.4007338	.1938303
#2	.1905171	.2056514	.1904024	1.039024	.3995372	.1933795
#3	.1893847	.2056304	.1909639	1.026258	.4010679	.1931803

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3026029**	**2.836405**	**.2005194**	**1.967064**	**.4867157**	**.0724213**
Stddev	.0002737	.003338	.0004387	.008679	.0003325	.0002649
%RSD	.0904555	.1176928	.2187865	.4412321	.0683095	.3658255
#1	.3028488	2.837678	.2002981	1.957745	.4863532	.0727234
#2	.3023080	2.838920	.2010247	1.968530	.4870064	.0722284
#3	.3026520	2.832618	.2002355	1.974917	.4867874	.0723122

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.575046**	**.2982491**	**.2014354**	**8.939354**	**.2938099**	**.3944048**
Stddev	.017319	.0005981	.0009460	.038445	.0008029	.0011569
%RSD	.6725874	.2005195	.4696332	.4300657	.2732626	.2933410
#1	2.568830	.2987352	.2011495	8.938890	.2935096	.3953148
#2	2.594616	.2975813	.2006652	8.978029	.2947197	.3947968
#3	2.561693	.2984307	.2024913	8.901143	.2932006	.3931028

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165393BS Acquired: 12/6/2024 13:22:04 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.6653550	.1936412	F .6707269	5.500257	F -.011324	.1974257
Stddev	.0009836	.0007259	.0013895	.015905	.001499	.0009980
%RSD	.1478302	.3748908	.2071610	.2891617	13.23666	.5054833
#1	.6649107	.1930008	.6699200	5.491561	-.009675	.1962754
#2	.6664824	.1944298	.6723313	5.490596	-.011693	.1980602
#3	.6646719	.1934930	.6699294	5.518613	-.012604	.1979415

Elem	Sr4077
Units	ppm
Avg	.2008256
Stddev	.0007192
%RSD	.3581001
#1	.2002704
#2	.2016380
#3	.2005685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2655.983	62402.06	13551.78	1828.515	4425.084
Stddev	6.436	127.84	13.92	9.557	4.617
%RSD	.2423295	.2048612	.1027487	.5226763	.1043428
#1	2650.057	62271.49	13545.46	1824.656	4420.584
#2	2655.062	62526.98	13567.74	1839.398	4424.856
#3	2662.830	62407.72	13542.13	1821.491	4429.810

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165328BL Acquired: 12/6/2024 13:26:06 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**-.001517**	**-.000299**	**-.000742**	**-.000813**	**.0007363**	**-.000733**	**-.001150**
Stddev	.001067	.001320	.000524	.000562	.0007317	.001128	.000547
%RSD	70.33951	441.0277	70.65795	69.08820	99.38264	153.7351	47.61062
#1	-.002518	-.000057	-.000212	-.001441	.0002287	.000566	-.001301
#2	-.000394	.000883	-.000754	-.000637	.0015750	-.001309	-.000543
#3	-.001639	-.001723	-.001260	-.000360	.0004051	-.001457	-.001606

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000655**	**.0000392**	**-.008010**	**-.000013**	**.0000548**	**-.000303**	**.0020337**
Stddev	.0000139	.0000519	.002739	.000026	.0000693	.000292	.0013412
%RSD	21.20819	132.4509	34.19361	203.4553	126.5151	96.41283	65.94921
#1	.0000664	.0000502	-.010992	.000016	.0000753	-.000576	.0013818
#2	.0000512	.0000845	-.005606	-.000020	.0001115	.000005	.0011430
#3	.0000789	-.000017	-.007433	-.000034	-.000022	-.000338	.0035762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000145**	**-.006027**	**.0000850**	**.0002198**	**-.030483**	**-.000302**	**-.000890**
Stddev	.000050	.008230	.0001044	.0002459	.012319	.000321	.000048
%RSD	34.45114	136.5450	122.8581	111.8864	40.41259	106.6284	5.423305
#1	-.000101	-.014610	.0000320	.0004993	-.044593	-.000571	-.000940
#2	-.000135	-.005268	.0002053	.0000371	-.024991	.000054	-.000843
#3	-.000200	.001797	.0000177	.0001228	-.021865	-.000387	-.000887

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.099658**	**-.001183**	**.0000570**	**-.000671**	**.0004561**	**-.002661**	**.0000559**
Stddev	.007732	.000252	.0000677	.000243	.0001773	.001286	.0010271
%RSD	7.759006	21.33653	118.8405	36.23689	38.87892	48.32500	1837.162
#1	-.095182	-.001287	.0000753	-.000706	.0006396	-.004143	-.000405
#2	-.095206	-.000895	.0001136	-.000895	.0004431	-.001995	.001233
#3	-.108587	-.001366	-.000018	-.000412	.0002856	-.001845	-.000660

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165328BL Acquired: 12/6/2024 13:26:06 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.002457	-.000560	-.000006
Stddev	.003442	.000300	.000026
%RSD	140.1116	53.62365	454.9624
#1	-.002314	-.000214	.000005
#2	-.005968	-.000708	.000013
#3	.000912	-.000757	-.000035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.034	62909.27	13706.76	1840.643	4576.582
Stddev	2.771	67.52	16.12	5.511	3.925
%RSD	.1038076	.1073361	.1175980	.2993866	.0857692
#1	2671.317	62969.82	13689.38	1842.879	4577.377
#2	2669.832	62836.45	13721.22	1844.684	4580.049
#3	2665.951	62921.53	13709.66	1834.366	4572.320

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165328BS Acquired: 12/6/2024 13:30:26 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.7478421**	**1.986322**	**.9532483**	**1.891968**	**.7464472**	**1.959721**
Stddev	.0010838	.015668	.0003859	.006720	.0023539	.008889
%RSD	.1449206	.7887796	.0404825	.3551764	.3153453	.4535649
#1	.7465989	2.004184	.9532255	1.888542	.7451410	1.956140
#2	.7483396	1.974904	.9528743	1.887653	.7491646	1.953181
#3	.7485879	1.979877	.9536451	1.899711	.7450360	1.969841

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1898165**	**.2043253**	**.1920607**	**1.030284**	**.4032203**	**.1942599**
Stddev	.0004301	.0002647	.0000702	.005846	.0005638	.0002825
%RSD	.2265838	.1295679	.0365677	.5673862	.1398339	.1454062
#1	.1897979	.2042793	.1920065	1.034973	.4026250	.1944723
#2	.1902555	.2046100	.1920356	1.032145	.4032897	.1939393
#3	.1893959	.2040866	.1921400	1.023734	.4037462	.1943681

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3061117**	**2.853449**	**.2000853**	**1.965182**	**.4881183**	**.0727368**
Stddev	.0006755	.001362	.0001529	.003502	.0003232	.0002794
%RSD	.2206828	.0477484	.0764067	.1781917	.0662037	.3840949
#1	.3053568	2.852586	.1999189	1.963654	.4884853	.0725403
#2	.3066594	2.852741	.2002196	1.962705	.4878761	.0730566
#3	.3063188	2.855019	.2001174	1.969189	.4879936	.0726134

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.599639**	**.2998434**	**.2033389**	**9.017457**	**.2904084**	**.3977952**
Stddev	.006045	.0017898	.0009927	.008065	.0003571	.0004407
%RSD	.2325295	.5969205	.4881867	.0894407	.1229641	.1107854
#1	2.604957	.2978824	.2021936	9.009099	.2902678	.3983039
#2	2.593065	.3013889	.2039515	9.018079	.2901430	.3975542
#3	2.600894	.3002590	.2038717	9.025193	.2908144	.3975276

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165328BS Acquired: 12/6/2024 13:30:26 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.6626915	.1924930	F .6812194	5.518928	F -.010043	.1985002
Stddev	.0014040	.0002465	.0042814	.022355	.001014	.0008144
%RSD	.2118675	.1280790	.6284873	.4050605	10.10167	.4102972
#1	.6633341	.1924719	.6781298	5.542105	-.010428	.1980998
#2	.6636592	.1922577	.6794219	5.517184	-.008892	.1994374
#3	.6610812	.1927494	.6861065	5.497497	-.010808	.1979635

Elem	Sr4077
Units	ppm
Avg	.2008953
Stddev	.0001564
%RSD	.0778734
#1	.2008136
#2	.2010757
#3	.2007967

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2613.879	61895.88	13582.74	1790.198	4378.900
Stddev	4.877	98.24	27.86	4.764	5.931
%RSD	.1865989	.1587102	.2051414	.2660974	.1354521
#1	2618.365	61782.82	13558.19	1784.889	4380.795
#2	2614.585	61944.49	13577.00	1794.099	4383.652
#3	2608.687	61960.34	13613.03	1791.605	4372.253

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5026-05 Acquired: 12/6/2024 13:34:28 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0049194**	**-.008435**	**.0236194**	**-.012173**	**-.000145**	**34.51461**
Stddev	.0013827	.003270	.0009458	.000796	.000417	.08307
%RSD	28.10747	38.76533	4.004206	6.540193	287.5603	.2406805
#1	.0034326	-.005310	.0244433	-.011282	.000329	34.41972
#2	.0051589	-.011833	.0225867	-.012425	-.000308	34.54997
#3	.0061667	-.008163	.0238283	-.012813	-.000457	34.57416

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1140456**	**.0025789**	**.0024945**	**37.88453**	**.0809504**	**.0418622**
Stddev	.0003621	.0000730	.0001171	.07446	.0004708	.0003806
%RSD	.3175249	2.830021	4.692819	.1965419	.5816406	.9091781
#1	.1136773	.0026631	.0025619	37.85636	.0813983	.0416059
#2	.1144012	.0025395	.0023593	37.96896	.0809933	.0416812
#3	.1140584	.0025341	.0025622	37.82826	.0804595	.0422995

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0772856**	**73.30130**	**.8763200**	**32.33976**	**.0878316**	**-.000674**
Stddev	.0008228	.26976	.0032118	.03047	.0002000	.000299
%RSD	1.064658	.3680149	.3665091	.0942143	.2276499	44.35032
#1	.0779187	73.00248	.8733468	32.31339	.0876632	-.001019
#2	.0763555	73.37454	.8797264	32.37311	.0880526	-.000496
#3	.0775826	73.52687	.8758870	32.33277	.0877789	-.000506

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.429297**	**.1000371**	**.1807734**	**6.366654**	**.0257357**	**.0034286**
Stddev	.011679	.0002300	.0009778	.034609	.0007596	.0000495
%RSD	.8170799	.2299063	.5408812	.5436021	2.951356	1.444318
#1	1.417312	.1000311	.1811306	6.333982	.0253302	.0034383
#2	1.429936	.1002701	.1796672	6.363059	.0266119	.0034726
#3	1.440643	.0998102	.1815223	6.402920	.0252649	.0033750

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5026-05 Acquired: 12/6/2024 13:34:28 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**-.000147**	**1.793626**	F **16.30365**	**3.540362**	**.7398414**	**.0554813**
Stddev	.000617	.002405	.07654	.008219	.0022010	.0004286
%RSD	420.1245	.1340744	.4694752	.2321457	.2974985	.7725729
#1	-.000652	1.790884	16.21708	3.536701	.7418344	.0549864
#2	.000541	1.795374	16.33153	3.549775	.7402108	.0557341
#3	-.000330	1.794621	16.36234	3.534610	.7374791	.0557234

Elem	Sr4077
Units	ppm
Avg	**-.002040**
Stddev	.000141
%RSD	6.907735
#1	-.002092
#2	-.001881
#3	-.002148

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2587.154**	**62340.13**	**14520.33**	**1765.292**	**3997.145**
Stddev	5.806	43.78	25.93	3.620	3.297
%RSD	.2244132	.0702201	.1785692	.2050387	.0824847
#1	2592.151	62389.93	14502.62	1769.333	4000.588
#2	2588.527	62322.71	14508.28	1762.347	3996.833
#3	2580.785	62307.74	14550.09	1764.196	3994.016

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV02 Acquired: 12/6/2024 13:38:38 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**4.880108**	**4.914520**	**4.902099**	**4.940101**	**4.852332**	**9.805741**	**9.400585**
Stddev	.009370	.030643	.005818	.013887	.015989	.036991	.082299
%RSD	.1920047	.6235193	.1186927	.2811104	.3295173	.3772403	.8754711
#1	4.869501	4.949830	4.907642	4.952994	4.838591	9.763194	9.312095
#2	4.883563	4.894893	4.896040	4.925397	4.848525	9.823747	9.474836
#3	4.887260	4.898836	4.902614	4.941913	4.869882	9.830281	9.414822

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2439780**	**2.457040**	**24.20431**	**1.007045**	**2.446355**	**1.246519**	**4.810765**
Stddev	.0005608	.003795	.10929	.004568	.003305	.002781	.030235
%RSD	.2298485	.1544706	.4515449	.4536437	.1350924	.2230959	.6284867
#1	.2443380	2.461267	24.07975	1.011352	2.448230	1.246011	4.775949
#2	.2442641	2.453923	24.28416	1.007529	2.442539	1.244028	4.825930
#3	.2433319	2.455931	24.24901	1.002253	2.448295	1.249519	4.830416

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.364778**	**24.36698**	**2.449054**	**1.225518**	**23.48684**	**2.443851**	**2.503749**
Stddev	.010356	.09364	.002724	.001239	.04514	.009511	.009257
%RSD	.4379154	.3842979	.1112454	.1010679	.1922055	.3891995	.3697352
#1	2.352820	24.28936	2.451515	1.224461	23.43725	2.435437	2.508701
#2	2.370707	24.47098	2.446126	1.226881	23.52555	2.441946	2.509477
#3	2.370806	24.34059	2.449521	1.225212	23.49772	2.454171	2.493069

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.93175**	**4.809824**	**4.994689**	**4.884678**	**4.769576**	**4.953473**	**4.896648**
Stddev	.06508	.012733	.006540	.009981	.021437	.037330	.015952
%RSD	.2719600	.2647227	.1309472	.2043272	.4494521	.7536051	.3257777
#1	23.85686	4.797595	4.995556	4.896015	4.744842	4.914449	4.913455
#2	23.96374	4.823007	4.987758	4.880802	4.781093	4.957128	4.881716
#3	23.97464	4.808869	5.000753	4.877217	4.782793	4.988840	4.894773

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV02 Acquired: 12/6/2024 13:38:38 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**4.805876**	**4.708359**	**4.834016**
Stddev	.009020	.020264	.019040
%RSD	.1876949	.4303759	.3938794
#1	4.814107	4.685262	4.815424
#2	4.796233	4.716670	4.853475
#3	4.807288	4.723147	4.833150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2451.380**	**58462.75**	**13671.59**	**1675.048**	**3930.465**
Stddev	10.449	102.98	40.37	8.035	13.834
%RSD	.4262434	.1761478	.2953127	.4796821	.3519719
#1	2455.958	58471.66	13690.13	1671.544	3930.299
#2	2458.758	58355.61	13625.27	1669.360	3944.382
#3	2439.423	58560.99	13699.36	1684.240	3916.715

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB02 Acquired: 12/6/2024 13:42:49 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**-.000308**	**-.001033**	**-.001082**	**-.000905**	**.0030604**	**.0007412**	**-.002772**
Stddev	.001888	.000592	.000323	.001015	.0010389	.0058689	.000453
%RSD	613.1573	57.30286	29.86836	112.2290	33.94621	791.7964	16.34442
#1	.001551	-.001190	-.001181	-.001459	.0032722	.0017844	-.003295
#2	-.002223	-.001531	-.001345	.000267	.0039771	.0060185	-.002525
#3	-.000252	-.000378	-.000721	-.001522	.0019319	-.005579	-.002496

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000777**	**.0001603**	**-.002412**	**-.000020**	**.0000801**	**-.000536**	**-.001753**
Stddev	.0000053	.0000132	.007069	.000229	.0000333	.000055	.004292
%RSD	6.781426	8.252448	293.0224	1163.912	41.56052	10.20671	244.8044
#1	.0000811	.0001499	.003745	.000233	.0000417	-.000488	-.003483
#2	.0000804	.0001558	-.000851	-.000213	.0000982	-.000595	-.004910
#3	.0000716	.0001752	-.010131	-.000079	.0001004	-.000524	.003134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000174**	**.0054894**	**.0001171**	**.0003281**	**-.041663**	**.0008131**	**-.001129**
Stddev	.000068	.0050674	.0001852	.0001741	.011723	.0001397	.000228
%RSD	39.27797	92.31324	158.1564	53.04208	28.13853	17.17821	20.21907
#1	-.000111	.0028902	-.000011	.0005281	-.054983	.0009743	-.000963
#2	-.000247	.0113291	.000033	.0002106	-.037091	.0007341	-.001035
#3	-.000165	.0022489	.000329	.0002457	-.032914	.0007308	-.001390

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.090255**	**.0021195**	**.0004032**	**-.000243**	**.0005707**	**.0009291**	**-.001135**
Stddev	.026155	.0003602	.0000710	.000188	.0005044	.0030982	.000729
%RSD	28.97956	16.99273	17.59813	77.32710	88.39136	333.4761	64.27543
#1	-.104135	.0025328	.0003542	-.000069	.0010246	-.002499	-.001907
#2	-.106544	.0018728	.0003707	-.000443	.0006598	.003530	-.000458
#3	-.060085	.0019528	.0004845	-.000218	.0000276	.001756	-.001038

Reviewed By:jaswal
On:12/11/2024
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Inst Id :P4
LB :LB133790

Sample Name: CCB02 Acquired: 12/6/2024 13:42:49 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**-.002107**	**-.001376**	**.0000208**
Stddev	.001077	.000281	.0000140
%RSD	51.12791	20.42585	67.16808
#1	-.001944	-.001620	.0000106
#2	-.001120	-.001069	.0000151
#3	-.003256	-.001439	.0000367

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2614.410**	**62415.54**	**14042.44**	**1788.798**	**4546.033**
Stddev	3.977	110.15	49.49	8.015	4.621
%RSD	.1521041	.1764734	.3524029	.4480593	.1016547
#1	2609.939	62475.42	13995.58	1791.585	4541.391
#2	2617.553	62482.78	14037.55	1795.048	4550.633
#3	2615.738	62288.43	14094.19	1779.762	4546.075

Reviewed By:jaswal
On:12/11/2024
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Inst Id :P4
LB :LB133790

Sample Name: P4997-07 Acquired: 12/6/2024 13:47:10 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.1569758**	**-.077733**	**.0543897**	**.0140430**	**-.013002**	**1543.143**
Stddev	.0015089	.008931	.0029253	.0075644	.004417	14.625
%RSD	.9612310	11.48930	5.378412	53.86606	33.97038	.9477386
#1	.1554040	-.069074	.0577657	.0203873	-.016741	1545.131
#2	.1584127	-.077212	.0526031	.0160701	-.008129	1556.672
#3	.1571106	-.086913	.0528004	.0056716	-.014136	1527.626

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.209948**	**-.000424**	**.0063803**	**71.21711**	**.0446971**	**.0188321**
Stddev	.010760	.000036	.0001930	1.03920	.0001690	.0002064
%RSD	.8892855	8.532602	3.024246	1.459201	.3781522	1.095963
#1	1.215596	-.000383	.0065018	71.74287	.0448914	.0190128
#2	1.216708	-.000452	.0061578	71.88838	.0445839	.0188764
#3	1.197540	-.000437	.0064812	70.02009	.0446159	.0186072

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.182934**	**75.08695**	F **44.20593**	**17.27776**	**.0457779**	**.0053561**
Stddev	.002354	.13205	.44736	.26705	.0000348	.0005899
%RSD	.1990294	.1758660	1.011997	1.545636	.0761056	11.01368
#1	1.180759	75.23905	44.21886	17.34453	.0457940	.0053950
#2	1.185434	75.00156	44.64668	17.50510	.0458018	.0047477
#3	1.182610	75.02023	43.75224	16.98367	.0457379	.0059255

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**71.37750**	**.0736822**	**.2952814**	**6.685431**	**.0701433**	**.0032533**
Stddev	.22531	.0013844	.0014150	.012121	.0003169	.0008076
%RSD	.3156606	1.878831	.4792160	.1813083	.4517541	24.82471
#1	71.51271	.0724805	.2955240	6.678938	.0699749	.0040620
#2	71.11740	.0751960	.2937607	6.699415	.0705088	.0024468
#3	71.50239	.0733701	.2965594	6.677940	.0699461	.0032511

Reviewed By:jaswal
On:12/11/2024
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Inst Id :P4
LB :LB133790

Sample Name: P4997-07 Acquired: 12/6/2024 13:47:10 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0049909	.3756161	F 45.95038	F 28.12051	F 62.99062	-.001623
Stddev	.0016192	.0039296	.06228	.06847	.16337	.000478
%RSD	32.44336	1.046162	.1355382	.2434712	.2593614	29.43669
#1	.0032385	.3772629	45.98773	28.17340	63.03044	-.001114
#2	.0053026	.3784543	45.98493	28.04318	62.81102	-.002062
#3	.0064316	.3711311	45.87848	28.14497	63.13040	-.001695

Elem	Sr4077
Units	ppm
Avg	.2122624
Stddev	.0030201
%RSD	1.422819
#1	.2134452
#2	.2145122
#3	.2088300

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2259.287	52994.17	13358.34	1544.136	3279.230
Stddev	6.535	110.28	132.12	12.928	5.392
%RSD	.2892657	.2081030	.9890415	.8372035	.1644205
#1	2265.166	53061.68	13317.55	1540.508	3284.430
#2	2252.250	53053.93	13251.42	1558.490	3279.596
#3	2260.446	52866.91	13506.04	1533.410	3273.665

Reviewed By:jaswal
On:12/11/2024
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Inst Id :P4
LB :LB133790

Sample Name: P5018-07 Acquired: 12/6/2024 13:58:33 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.1088704**	**-.070286**	**.0343001**	**.0191425**	**-.009039**	**1395.097**
Stddev	.0020975	.001403	.0020759	.0014126	.002392	2.575
%RSD	1.926638	1.995917	6.052119	7.379228	26.46484	.1845699
#1	.1110844	-.070952	.0340987	.0185346	-.006494	1395.192
#2	.1086141	-.071232	.0364694	.0207572	-.009381	1392.477
#3	.1069129	-.068674	.0323323	.0181356	-.011241	1397.624

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.086346**	**-.000362**	**.0045093**	**70.76211**	**.0355369**	**.0122529**
Stddev	.004253	.000059	.0000334	.14470	.0004108	.0001529
%RSD	.3914713	16.36860	.7413947	.2044886	1.155896	1.247966
#1	1.090191	-.000429	.0045405	70.59583	.0354362	.0123036
#2	1.081778	-.000318	.0044740	70.83106	.0351858	.0123739
#3	1.087069	-.000338	.0045133	70.85944	.0359886	.0120810

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9294653**	**47.03596**	**35.25557**	**17.04384**	**.0366550**	**.0042680**
Stddev	.0023435	.07017	.15166	.03347	.0001906	.0001180
%RSD	.2521401	.1491774	.4301713	.1963656	.5200922	2.765269
#1	.9290740	46.95776	35.08058	17.02553	.0368087	.0041430
#2	.9319798	47.05669	35.34904	17.08247	.0364417	.0043776
#3	.9273420	47.09342	35.33709	17.02352	.0367147	.0042833

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**72.54459**	**.0489113**	**.2541558**	**6.531362**	**.0567476**	**.0028151**
Stddev	.39361	.0008769	.0002260	.034072	.0006976	.0005605
%RSD	.5425802	1.792843	.0889061	.5216618	1.229271	19.91066
#1	72.93964	.0480528	.2540706	6.515927	.0565679	.0034155
#2	72.15243	.0488756	.2539848	6.507740	.0575175	.0023056
#3	72.54169	.0498055	.2544120	6.570419	.0561576	.0027241

Reviewed By:jaswal
On:12/11/2024
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Inst Id :P4
LB :LB133790

Sample Name: P5018-07 Acquired: 12/6/2024 13:58:33 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0031075	.2305110	F 41.44984	F 20.92085	F 55.99594	-.004922
Stddev	.0025004	.0012130	.07577	.06235	.08341	.000470
%RSD	80.46281	.5262239	.1828046	.2980295	.1489640	9.541514
#1	.0004314	.2293665	41.36646	20.96970	56.07625	-.004431
#2	.0053841	.2317825	41.46855	20.94222	55.90973	-.005367
#3	.0035072	.2303839	41.51450	20.85062	56.00185	-.004968

Elem	Sr4077
Units	ppm
Avg	.2250455
Stddev	.0010941
%RSD	.4861640
#1	.2259827
#2	.2238432
#3	.2253107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2253.542	53472.38	13460.26	1545.586	3315.041
Stddev	5.800	146.51	31.65	6.334	11.006
%RSD	.2573531	.2739938	.2351088	.4098032	.3319919
#1	2258.833	53616.44	13486.87	1552.779	3327.740
#2	2247.341	53477.15	13468.65	1543.132	3308.263
#3	2254.452	53323.54	13425.27	1540.846	3309.122

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5018-07DUP Acquired: 12/6/2024 14:04:04 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.1091285	-.071637	.0374789	.0162879	-.011060	1416.751
Stddev	.0009411	.008660	.0050733	.0068438	.001757	12.797
%RSD	.8624160	12.08820	13.53656	42.01759	15.88845	.9032928
#1	.1101057	-.068431	.0341502	.0093174	-.012715	1402.110
#2	.1090517	-.065037	.0433180	.0165488	-.009216	1425.803
#3	.1082281	-.081442	.0349685	.0229975	-.011249	1422.341

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.108578	-.000387	.0046764	71.27500	.0355198	.0119493
Stddev	.013231	.000046	.0002208	.73494	.0002813	.0002497
%RSD	1.193517	11.74983	4.720903	1.031127	.7921040	2.089835
#1	1.094704	-.000336	.0047870	70.44768	.0352024	.0116702
#2	1.121055	-.000404	.0044222	71.85235	.0356184	.0121516
#3	1.109977	-.000422	.0048200	71.52496	.0357385	.0120259

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9425769	47.99011	35.80792	17.13470	.0372286	.0045330
Stddev	.0044697	.14336	.47734	.23725	.0005553	.0001207
%RSD	.4741976	.2987364	1.333056	1.384601	1.491577	2.663195
#1	.9374276	47.87913	35.26113	16.86326	.0368930	.0046717
#2	.9448502	48.15197	36.14147	17.30248	.0378695	.0044510
#3	.9454531	47.93921	36.02117	17.23836	.0369232	.0044764

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	74.11587	.0497865	.2559956	6.652101	.0582218	.0019441
Stddev	.33551	.0012257	.0008152	.022875	.0005057	.0005849
%RSD	.4526836	2.461820	.3184403	.3438703	.8685398	30.08463
#1	74.05271	.0510471	.2560000	6.640029	.0586313	.0025490
#2	74.47847	.0485990	.2568086	6.678483	.0583776	.0013815
#3	73.81642	.0497135	.2551782	6.637792	.0576566	.0019020

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5018-07DUP Acquired: 12/6/2024 14:04:04 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0030654	.2384606	F 42.41355	F 21.22412	F 56.54872	-.004718
Stddev	.0015838	.0009712	.08348	.02161	.03090	.000407
%RSD	51.66470	.4072653	.1968157	.1018219	.0546501	8.628079
#1	.0040747	.2392333	42.45638	21.21950	56.51304	-.004606
#2	.0038816	.2373705	42.46692	21.24766	56.56586	-.004378
#3	.0012401	.2387781	42.31735	21.20519	56.56725	-.005169

Elem	Sr4077
Units	ppm
Avg	.2288530
Stddev	.0032874
%RSD	1.436446
#1	.2251580
#2	.2314532
#3	.2299479

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2215.687	52662.12	13333.14	1528.255	3265.081
Stddev	18.494	122.27	165.03	3.551	18.459
%RSD	.8346736	.2321783	1.237711	.2323787	.5653475
#1	2237.037	52779.53	13523.07	1527.415	3286.368
#2	2204.606	52535.51	13224.76	1525.199	3253.506
#3	2205.419	52671.32	13251.59	1532.151	3255.368

Reviewed By:jaswal
On:12/11/2024
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Inst Id :P4
LB :LB133790

Sample Name: P5018-07LX5 Acquired: 12/6/2024 14:08:25 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0212980**	**-.012417**	**.0091294**	**.0042195**	**-.002616**	**288.8426**
Stddev	.0019569	.001072	.0007365	.0013708	.001248	.8384
%RSD	9.188222	8.635827	8.066875	32.48611	47.71518	.2902655
#1	.0200282	-.011292	.0090642	.0057504	-.003703	288.2449
#2	.0203142	-.013428	.0098963	.0038025	-.002892	288.4818
#3	.0235516	-.012532	.0084277	.0031057	-.001253	289.8010

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2129090**	**-.000075**	**.0006791**	**14.92389**	**.0077399**	**.0026083**
Stddev	.0010494	.000023	.0001179	.05035	.0003973	.0001578
%RSD	.4929107	30.40986	17.36248	.3373882	5.133807	6.050567
#1	.2137028	-.000072	.0005639	14.96504	.0072853	.0027236
#2	.2117191	-.000054	.0006738	14.86774	.0080204	.0024285
#3	.2133050	-.000100	.0007996	14.93888	.0079142	.0026729

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2078978**	**9.381686**	**7.566162**	**3.577404**	**.0080199**	**.0010441**
Stddev	.0012886	.091663	.025767	.006714	.0003904	.0002712
%RSD	.6198262	.9770416	.3405598	.1876680	4.867875	25.97903
#1	.2087889	9.277311	7.591459	3.583626	.0082553	.0010086
#2	.2064203	9.418654	7.539948	3.578297	.0075692	.0007923
#3	.2084842	9.449092	7.567078	3.570288	.0082351	.0013313

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.54733**	**.0096469**	**.0491914**	**1.095431**	**.0103380**	**.0001610**
Stddev	.14105	.0017182	.0009222	.024668	.0004820	.0003019
%RSD	1.124126	17.81078	1.874666	2.251866	4.662490	187.4842
#1	12.38561	.0078643	.0481395	1.067131	.0097846	.0001946
#2	12.64493	.0112925	.0495737	1.112374	.0106662	.0004447
#3	12.61144	.0097838	.0498609	1.106789	.0105632	-.000156

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5018-07LX5 Acquired: 12/6/2024 14:08:25 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.000025	.0478476	7.900026	4.170578	F 11.17978	-.002100
Stddev	.000800	.0004347	.076658	.031831	.07291	.000488
%RSD	3166.244	.9085047	.9703536	.7632194	.6521896	23.22757
#1	.000729	.0475073	7.818192	4.197063	11.23516	-.002625
#2	.000059	.0483373	7.970163	4.135265	11.09717	-.002015
#3	-.000864	.0476982	7.911724	4.179406	11.20701	-.001661

Elem	Sr4077
Units	ppm
Avg	.0460821
Stddev	.0002367
%RSD	.5136537
#1	.0463485
#2	.0458961
#3	.0460016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.679	57813.80	13588.45	1691.962	3847.325
Stddev	9.563	544.46	66.70	16.115	19.076
%RSD	.3889591	.9417396	.4908689	.9524452	.4958246
#1	2448.192	58438.29	13515.18	1709.974	3828.899
#2	2466.918	57438.73	13645.65	1678.910	3866.990
#3	2460.928	57564.39	13604.52	1687.003	3846.087

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5018-07MS Acquired: 12/6/2024 14:12:47 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.9082439**	**1.651421**	**.9156835**	**2.040715**	**.6938631**	**1433.302**
Stddev	.0149770	.038632	.0108181	.032548	.0087189	9.862
%RSD	1.649004	2.339303	1.181419	1.594950	1.256568	.6880960
#1	.9135929	1.628839	.9125229	2.033244	.6975489	1422.448
#2	.8913268	1.629396	.9067978	2.012551	.6839067	1435.745
#3	.9198120	1.696028	.9277299	2.076349	.7001338	1441.714

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.321757**	**.2047040**	**.1979382**	**73.90930**	**.4093927**	**.2067291**
Stddev	.008573	.0002781	.0030051	.28344	.0012701	.0027375
%RSD	.6486363	.1358531	1.518199	.3834961	.3102344	1.324173
#1	1.315110	.2045289	.1976209	73.58558	.4087770	.2058952
#2	1.318727	.2045585	.1951044	74.11288	.4108533	.2045055
#3	1.331434	.2050247	.2010894	74.02944	.4085478	.2097865

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.159401**	**44.55174**	**33.69860**	**19.19827**	**.5158899**	**.0873931**
Stddev	.014559	.16951	.28150	.09325	.0075080	.0002593
%RSD	1.255776	.3804799	.8353395	.4857268	1.455352	.2967621
#1	1.157412	44.35790	33.47538	19.09945	.5138949	.0871904
#2	1.145938	44.67223	33.60559	19.28472	.5095808	.0876853
#3	1.174853	44.62507	34.01483	19.21065	.5241939	.0873034

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**76.48401**	**.3427454**	**.4638684**	**18.02860**	**.3172179**	**.3637236**
Stddev	.55277	.0026137	.0029988	.09768	.0013064	.0034740
%RSD	.7227290	.7625749	.6464857	.5418252	.4118420	.9551264
#1	76.07815	.3397561	.4610695	17.95191	.3169930	.3634519
#2	76.26032	.3438797	.4670336	17.99533	.3160385	.3603934
#3	77.11358	.3446002	.4635022	18.13858	.3186221	.3673255

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5018-07MS Acquired: 12/6/2024 14:12:47 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.5858478	.3951055	F 41.57967	F 25.89938	F 55.66137	.2199057
Stddev	.0079412	.0024742	.22324	.45858	.90091	.0026994
%RSD	1.355511	.6262180	.5368925	1.770632	1.618558	1.227546
#1	.5827822	.3924039	41.32331	25.71813	55.40290	.2192997
#2	.5798964	.3956514	41.73122	25.55911	54.91794	.2175608
#3	.5948649	.3972612	41.68448	26.42088	56.66326	.2228567

Elem	Sr4077
Units	ppm
Avg	.4492220
Stddev	.0032398
%RSD	.7211987
#1	.4463790
#2	.4485377
#3	.4527492

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.197	53260.32	13074.63	1539.920	3250.196
Stddev	23.486	186.38	56.37	13.731	41.120
%RSD	1.057827	.3499379	.4311054	.8916980	1.265149
#1	2227.343	53475.11	13132.07	1554.938	3263.308
#2	2239.280	53164.64	13072.43	1528.007	3283.161
#3	2193.969	53141.23	13019.40	1536.815	3204.119

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5018-07MSD Acquired: 12/6/2024 14:17:00 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.8977225	1.603239	.9021848	2.035525	.6881815	1423.661
Stddev	.0065501	.005004	.0017185	.002463	.0011074	10.271
%RSD	.7296352	.3120892	.1904762	.1210216	.1609192	.7214755
#1	.8925903	1.608205	.9010364	2.034973	.6875009	1427.740
#2	.8954774	1.598199	.9013575	2.038218	.6894593	1411.977
#3	.9051000	1.603314	.9041604	2.033385	.6875842	1431.267

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.291971	.2031240	.1952904	72.99764	.4076505	.2030371
Stddev	.006718	.0003133	.0001836	.30986	.0014093	.0004028
%RSD	.5200168	.1542333	.0940262	.4244851	.3457099	.1984086
#1	1.291118	.2034513	.1954849	72.81136	.4084759	.2031428
#2	1.299075	.2030938	.1952660	72.82622	.4060232	.2025920
#3	1.285719	.2028269	.1951201	73.35534	.4084523	.2033766

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.146926	43.51933	33.14734	19.03259	.5068370	.0866723
Stddev	.001507	.20785	.04309	.07469	.0003834	.0002814
%RSD	.1314364	.4775977	.1299844	.3924212	.0756531	.3246402
#1	1.146144	43.46099	33.17958	19.00465	.5072627	.0869462
#2	1.145971	43.34688	33.09840	18.97590	.5065188	.0866865
#3	1.148664	43.75011	33.16404	19.11722	.5067295	.0863840

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	74.35610	.3383440	.4603375	17.67227	.3130920	.3606946
Stddev	.33302	.0018694	.0006172	.01408	.0014392	.0009792
%RSD	.4478689	.5524990	.1340694	.0796786	.4596673	.2714733
#1	74.52540	.3366515	.4597131	17.65716	.3114836	.3618185
#2	74.57046	.3380301	.4603522	17.68502	.3142581	.3602398
#3	73.97245	.3403505	.4609472	17.67464	.3135342	.3600255

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5018-07MSD Acquired: 12/6/2024 14:17:00 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.5725412	.3894535	F 41.17072	F 25.26756	F 54.50996	.2150773
Stddev	.0015751	.0005502	.15747	.04180	.07156	.0023120
%RSD	.2751003	.1412875	.3824732	.1654164	.1312860	1.074954
#1	.5742429	.3888658	41.09314	25.31177	54.55073	.2166362
#2	.5722459	.3899564	41.06709	25.22868	54.42732	.2161746
#3	.5711346	.3895383	41.35192	25.26224	54.55181	.2124210

Elem	Sr4077
Units	ppm
Avg	.4419219
Stddev	.0015245
%RSD	.3449607
#1	.4418007
#2	.4435034
#3	.4404617

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2228.672	53718.28	13160.01	1541.237	3289.184
Stddev	1.583	167.91	25.76	3.469	2.513
%RSD	.0710389	.3125841	.1957374	.2251070	.0764164
#1	2230.084	53763.47	13173.20	1542.963	3291.678
#2	2228.971	53858.97	13176.51	1543.505	3289.222
#3	2226.961	53532.39	13130.33	1537.243	3286.652

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5018-07A Acquired: 12/6/2024 14:21:14 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.9004092**	**1.624998**	**.9141554**	**2.036347**	**.6842569**	**1440.092**
Stddev	.0019112	.025709	.0056015	.011087	.0059094	11.273
%RSD	.2122593	1.582075	.6127514	.5444612	.8636187	.7827937
#1	.9022421	1.605552	.9104958	2.047327	.6821049	1432.393
#2	.8984283	1.615296	.9113666	2.025156	.6797251	1434.852
#3	.9005571	1.654146	.9206039	2.036557	.6909407	1453.031

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.292728**	**.2047506**	**.1979363**	**73.53596**	**.4175037**	**.2059188**
Stddev	.004142	.0007463	.0005287	.56502	.0017098	.0008420
%RSD	.3204028	.3645076	.2670964	.7683621	.4095339	.4089203
#1	1.296936	.2051786	.1980956	73.22683	.4190042	.2060649
#2	1.288656	.2038888	.1973463	73.19294	.4156422	.2050133
#3	1.292592	.2051844	.1983670	74.18809	.4178646	.2066783

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.150861**	**44.16467**	**33.14378**	**19.22636**	**.5141221**	**.0884487**
Stddev	.003851	.25814	.06482	.13329	.0012211	.0004595
%RSD	.3345931	.5844986	.1955619	.6932711	.2375058	.5195389
#1	1.151092	44.06587	33.18530	19.15312	.5139096	.0889652
#2	1.146901	43.97052	33.06909	19.14576	.5130212	.0880851
#3	1.154592	44.45762	33.17694	19.38022	.5154355	.0882958

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**74.94531**	**.3426367**	**.4688335**	**17.94312**	**.3141205**	**.3629047**
Stddev	.63934	.0017672	.0004344	.12054	.0021023	.0016306
%RSD	.8530809	.5157765	.0926635	.6717761	.6692643	.4493094
#1	75.68311	.3409342	.4693324	18.08183	.3147692	.3622849
#2	74.55397	.3425136	.4685386	17.86382	.3117703	.3616749
#3	74.59886	.3444623	.4686295	17.88370	.3158220	.3647543

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5018-07A Acquired: 12/6/2024 14:21:14 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.5820443	.3925631	F 42.22265	F 25.73041	F 55.24291	.2162221
Stddev	.0031266	.0015122	.20225	.11825	.24148	.0021772
%RSD	.5371664	.3852161	.4790184	.4595659	.4371295	1.006902
#1	.5786799	.3922178	42.33960	25.75710	55.10530	.2187147
#2	.5825924	.3912535	41.98911	25.60109	55.10168	.2152593
#3	.5848605	.3942182	42.33925	25.83302	55.52174	.2146924

Elem	Sr4077
Units	ppm
Avg	.4420794
Stddev	.0018305
%RSD	.4140758
#1	.4434664
#2	.4400045
#3	.4427672

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.613	52450.21	13016.50	1495.039	3261.302
Stddev	4.127	226.82	51.82	4.202	4.685
%RSD	.1855898	.4324532	.3980782	.2810420	.1436570
#1	2219.169	52256.95	13014.87	1492.599	3256.094
#2	2227.325	52699.93	13069.12	1499.890	3265.173
#3	2224.346	52393.74	12965.52	1492.627	3262.638

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5051-07 Acquired: 12/6/2024 14:25:26 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.1435440**	**-.075894**	**.0390187**	**.0176630**	**-.011919**	**1489.792**
Stddev	.0050047	.006012	.0035017	.0058580	.003896	5.787
%RSD	3.486537	7.921125	8.974343	33.16563	32.69197	.3884126
#1	.1391380	-.082419	.0361934	.0206249	-.015659	1483.162
#2	.1425085	-.070581	.0379263	.0214486	-.012215	1493.826
#3	.1489854	-.074681	.0429363	.0109154	-.007883	1492.387

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.178377**	**-.000718**	**.0057952**	**72.44862**	**.0416988**	**.0170754**
Stddev	.003980	.000035	.0002493	.28343	.0002024	.0003407
%RSD	.3377154	4.911308	4.302285	.3912189	.4853733	1.995241
#1	1.176565	-.000709	.0055369	72.12134	.0416461	.0167326
#2	1.175625	-.000757	.0058143	72.61133	.0419224	.0170795
#3	1.182940	-.000688	.0060345	72.61319	.0415280	.0174140

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.001978**	**67.36625**	F **43.93396**	**17.65289**	**.0457482**	**.0052327**
Stddev	.004121	.21019	.22370	.03698	.0001167	.0002033
%RSD	.4112869	.3120047	.5091777	.2094569	.2549833	3.884211
#1	1.001120	67.43460	43.69555	17.61870	.0458253	.0050082
#2	1.006460	67.53376	43.96705	17.64783	.0458053	.0052857
#3	.998353	67.13040	44.13927	17.69213	.0456140	.0054043

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**70.33651**	**.0656971**	**.2565637**	**6.539375**	**.0673286**	**.0028738**
Stddev	.29545	.0025509	.0008025	.024300	.0008399	.0004350
%RSD	.4200554	3.882814	.3127853	.3716022	1.247428	15.13526
#1	70.66177	.0654798	.2570873	6.551996	.0680717	.0029916
#2	70.26302	.0632618	.2569640	6.554768	.0674967	.0032377
#3	70.08474	.0683496	.2556398	6.511361	.0664174	.0023921

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5051-07 Acquired: 12/6/2024 14:25:26 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0045452	.3390054	F 46.16704	F 28.00372	F 64.60601	-.003375
Stddev	.0010150	.0003299	.18281	.16497	.15524	.000137
%RSD	22.33176	.0973078	.3959831	.5890847	.2402863	4.048162
#1	.0035274	.3392507	46.30904	27.83667	64.42819	-.003407
#2	.0055574	.3386304	46.23132	28.00798	64.71453	-.003492
#3	.0045509	.3391351	45.96077	28.16652	64.67530	-.003225

Elem	Sr4077
Units	ppm
Avg	.2096323
Stddev	.0008403
%RSD	.4008400
#1	.2094135
#2	.2089231
#3	.2105604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.007	53772.16	13394.88	1595.840	3320.579
Stddev	11.148	211.61	49.37	8.672	12.405
%RSD	.4803180	.3935275	.3685861	.5433823	.3735876
#1	2311.727	53656.24	13450.95	1587.021	3307.697
#2	2317.922	53643.84	13375.75	1596.142	3321.596
#3	2333.373	54016.40	13357.94	1604.356	3332.445

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07 Acquired: 12/6/2024 14:29:49 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.1620067**	**-.087844**	**.0452555**	**.0201677**	**-.010198**	**1697.035**
Stddev	.0032487	.005990	.0017082	.0024838	.006194	11.270
%RSD	2.005307	6.818487	3.774547	12.31582	60.73476	.6641239
#1	.1652752	-.084783	.0456644	.0189166	-.013802	1710.024
#2	.1619668	-.094746	.0433800	.0230283	-.013745	1689.842
#3	.1587781	-.084004	.0467221	.0185582	-.003046	1691.239

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.316203**	**-.000726**	**.0061398**	**75.70989**	**.0436720**	**.0172253**
Stddev	.004712	.000039	.0001548	.51564	.0004616	.0002116
%RSD	.3580049	5.357054	2.521532	.6810704	1.056989	1.228273
#1	1.321298	-.000735	.0060872	76.30510	.0441992	.0171127
#2	1.315309	-.000684	.0060182	75.39902	.0433401	.0174694
#3	1.312002	-.000760	.0063141	75.42555	.0434768	.0170938

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.123346**	**72.24879**	F **48.39975**	**16.97589**	**.0505129**	**.0060199**
Stddev	.003160	.39386	.22716	.12200	.0006950	.0003214
%RSD	.2812602	.5451433	.4693474	.7186878	1.375961	5.339087
#1	1.125707	72.67028	48.65086	17.10798	.0499198	.0062855
#2	1.124575	72.18597	48.20854	16.95227	.0512777	.0056626
#3	1.119757	71.89011	48.33987	16.86742	.0503413	.0061117

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**68.84284**	**.0729795**	**.2835627**	**6.694421**	**.0707018**	**.0025381**
Stddev	.13078	.0008815	.0006832	.019985	.0009074	.0005751
%RSD	.1899743	1.207903	.2409403	.2985252	1.283382	22.65705
#1	68.92519	.0737473	.2840474	6.680922	.0716158	.0027401
#2	68.91128	.0731743	.2827813	6.717379	.0698012	.0018893
#3	68.69203	.0720169	.2838595	6.684962	.0706885	.0029849

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07 Acquired: 12/6/2024 14:29:49 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0037436	.2456263	F 51.79160	F 29.93593	F 68.73331	-.005103
Stddev	.0019950	.0004275	.10627	.08368	.20840	.000395
%RSD	53.29259	.1740509	.2051928	.2795186	.3031940	7.739221
#1	.0022144	.2453605	51.83221	30.01029	68.82732	-.005515
#2	.0060003	.2461195	51.67101	29.95218	68.87813	-.005064
#3	.0030159	.2453990	51.87158	29.84532	68.49447	-.004728

Elem	Sr4077
Units	ppm
Avg	.2277616
Stddev	.0005011
%RSD	.2199935
#1	.2283349
#2	.2274079
#3	.2275419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2325.422	53208.11	13349.25	1597.309	3315.789
Stddev	7.343	86.70	41.66	.758	8.536
%RSD	.3157890	.1629472	.3120590	.0474485	.2574216
#1	2316.984	53229.34	13303.23	1596.771	3306.177
#2	2328.913	53282.22	13384.39	1596.980	3318.708
#3	2330.368	53112.76	13360.13	1598.176	3322.483

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07DUP Acquired: 12/6/2024 14:34:10 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.1638367**	**-.082477**	**.0438956**	**.0216372**	**-.011524**	**1725.087**
Stddev	.0051112	.002696	.0011939	.0022300	.004710	11.060
%RSD	3.119709	3.268618	2.719832	10.30639	40.86871	.6411168
#1	.1597491	-.085561	.0443115	.0241296	-.011496	1725.065
#2	.1695674	-.081298	.0448260	.0209509	-.016248	1714.039
#3	.1621935	-.080571	.0425494	.0198309	-.006829	1736.159

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.310300**	**-.000673**	**.0066526**	**76.04689**	**.0441338**	**.0173866**
Stddev	.004170	.000052	.0000865	.32715	.0005857	.0000249
%RSD	.3182804	7.711852	1.300287	.4302010	1.327179	.1429472
#1	1.307233	-.000722	.0067473	75.98142	.0443612	.0173965
#2	1.308618	-.000619	.0066328	75.75742	.0434685	.0174049
#3	1.315049	-.000679	.0065778	76.40183	.0445717	.0173583

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.142267**	**72.19623**	F **48.34527**	**17.07437**	**.0512679**	**.0060812**
Stddev	.002984	.10732	.37835	.08008	.0003245	.0006093
%RSD	.2612380	.1486450	.7825983	.4690134	.6328717	10.01962
#1	1.142038	72.09926	48.12136	17.09326	.0516131	.0056401
#2	1.139404	72.31153	48.13235	16.98653	.0512213	.0067765
#3	1.145359	72.17790	48.78211	17.14331	.0509693	.0058271

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**68.37429**	**.0731426**	**.2882171**	**6.754426**	**.0681878**	**.0034697**
Stddev	.29066	.0004255	.0008510	.044844	.0010471	.0005121
%RSD	.4250969	.5817284	.2952740	.6639152	1.535614	14.75900
#1	68.12248	.0729530	.2876236	6.702645	.0670342	.0040333
#2	68.69236	.0728448	.2891921	6.780436	.0684509	.0033427
#3	68.30804	.0736299	.2878356	6.780197	.0690782	.0030330

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07DUP Acquired: 12/6/2024 14:34:10 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0050613	.2449273	F 52.49649	F 29.85358	F 69.00775	-.005556
Stddev	.0015722	.0018778	.14417	.18386	.15051	.000389
%RSD	31.06291	.7666740	.2746197	.6158643	.2181130	7.007267
#1	.0051674	.2429707	52.33486	30.06403	69.15320	-.005114
#2	.0034388	.2450963	52.54281	29.72417	69.01741	-.005847
#3	.0065778	.2467149	52.61180	29.77253	68.85264	-.005708

Elem	Sr4077
Units	ppm
Avg	.2279372
Stddev	.0008934
%RSD	.3919297
#1	.2274040
#2	.2274391
#3	.2289686

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.203	52628.50	13264.66	1551.208	3256.403
Stddev	10.960	118.33	60.62	6.345	9.866
%RSD	.4827804	.2248424	.4569686	.4090271	.3029852
#1	2276.816	52758.56	13290.18	1557.964	3265.309
#2	2276.241	52599.76	13308.34	1550.285	3258.102
#3	2257.551	52527.19	13195.46	1545.375	3245.797

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV03 Acquired: 12/6/2024 14:42:27 Type: Unk
Method: NON EPA-6010-200.7(v2502) 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	**4.819690**	**4.845704**	**4.875528**	**4.870575**	**4.776356**	**9.820445**	**9.368712**
Stddev	.021899	.006161	.004951	.014573	.013775	.073100	.106111
%RSD	.4543742	.1271441	.1015552	.2992056	.2884074	.7443608	1.132609
#1	4.795109	4.839530	4.879386	4.854758	4.760988	9.775587	9.290003
#2	4.826840	4.851852	4.869945	4.873510	4.780487	9.780952	9.326746
#3	4.837121	4.845730	4.877254	4.883457	4.787594	9.904797	9.489388

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2449340**	**2.450296**	**24.19935**	**1.000005**	**2.433972**	**1.233605**	**4.772156**
Stddev	.0012800	.001622	.25846	.002450	.000828	.001898	.027752
%RSD	.5225726	.0661782	1.068038	.2450245	.0340087	.1538946	.5815352
#1	.2441633	2.452162	23.98303	1.002465	2.434250	1.232022	4.745538
#2	.2442272	2.449501	24.12946	.999987	2.434626	1.233084	4.770013
#3	.2464115	2.449226	24.48557	.997565	2.433041	1.235710	4.800917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.362156**	**24.29699**	**2.440848**	**1.213053**	**24.92107**	**2.449013**	**2.466938**
Stddev	.023612	.24844	.001530	.001042	.13521	.021643	.004957
%RSD	.9996069	1.022501	.0626715	.0859350	.5425434	.8837420	.2009329
#1	2.343758	24.14616	2.442392	1.211852	25.05739	2.432641	2.461409
#2	2.353928	24.16107	2.439333	1.213584	24.91882	2.440847	2.470985
#3	2.388781	24.58373	2.440820	1.213724	24.78700	2.473551	2.468421

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.32600**	**4.806496**	**4.936737**	**4.855514**	**4.760643**	**4.955559**	**4.871258**
Stddev	.02646	.029059	.010773	.006832	.028797	.031069	.003543
%RSD	.1134518	.6045673	.2182216	.1407072	.6049030	.6269538	.0727344
#1	23.32040	4.787300	4.926188	4.862626	4.735899	4.919789	4.869435
#2	23.35482	4.792262	4.936302	4.854914	4.753778	4.971070	4.868998
#3	23.30279	4.839928	4.947721	4.849001	4.792253	4.975819	4.875341

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV03 Acquired: 12/6/2024 14:42:27 Type: Unk
Method: NON EPA-6010-200.7(v2502) 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	**4.783235**	**4.642796**	**4.808604**
Stddev	.005273	.006546	.049052
%RSD	.1102368	.1410013	1.020095
#1	4.789295	4.639925	4.752204
#2	4.779699	4.638176	4.832289
#3	4.780710	4.650287	4.841320

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2460.195**	**58560.41**	**13555.21**	**1685.618**	**3932.806**
Stddev	5.785	39.49	73.56	8.190	2.124
%RSD	.2351571	.0674367	.5426667	.4858777	.0540198
#1	2466.851	58605.94	13599.00	1694.866	3934.255
#2	2457.357	58539.88	13596.34	1682.706	3930.367
#3	2456.376	58535.41	13470.28	1679.282	3933.796

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB03 Acquired: 12/6/2024 14:46:28 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0011206	-.001643	-.000556	-.001864	.0022258	.0054912	-.002109
Stddev	.0010293	.000574	.000400	.000597	.0006305	.0028187	.000420
%RSD	91.85568	34.92347	71.90887	32.00090	28.32906	51.33081	19.92333
#1	.0000523	-.002090	-.000893	-.001536	.0029315	.0049331	-.001801
#2	.0021060	-.001844	-.000114	-.001504	.0020278	.0085471	-.002588
#3	.0012035	-.000996	-.000661	-.002553	.0017179	.0029933	-.001938

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001227	.0000826	-.004553	-.000033	-.000054	-.000760	-.000210
Stddev	.0000616	.0000053	.008644	.000216	.000048	.000163	.002050
%RSD	50.20775	6.478776	189.8694	650.5250	87.29812	21.44976	978.4010
#1	.0000589	.0000765	.000181	.000213	.000000	-.000884	.000897
#2	.0001818	.0000866	-.014529	-.000189	-.000085	-.000822	-.002575
#3	.0001274	.0000846	.000691	-.000123	-.000079	-.000575	.001050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003121	-.000070	.0003329	.0006021	.1166861	-.000378	-.001053
Stddev	.0001653	.010620	.0001210	.0002867	.0127777	.001400	.000037
%RSD	52.94724	15193.26	36.33697	47.61597	10.95053	370.5030	3.507111
#1	.0001670	-.010646	.0003280	.0002780	.1024154	.001061	-.001094
#2	.0004920	-.000157	.0004563	.0007059	.1205760	-.000459	-.001044
#3	.0002773	.010593	.0002145	.0008225	.1270668	-.001736	-.001022

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.088380	.0032672	.0007853	-.000582	.0004652	.0024704	-.002008
Stddev	.009458	.0003003	.0001751	.000548	.0001139	.0011492	.002045
%RSD	10.70163	9.190432	22.29055	94.12393	24.49440	46.51888	101.8276
#1	-.099300	.0035960	.0009863	-.000022	.0005403	.0024742	-.003761
#2	-.082842	.0031983	.0006666	-.000607	.0005212	.0036178	-.002503
#3	-.082997	.0030075	.0007030	-.001118	.0003341	.0013193	.000239

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB03 Acquired: 12/6/2024 14:46:28 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.001459	-.000197	.0001620
Stddev	.000910	.000260	.0001376
%RSD	62.40228	132.1577	84.94343
#1	-.001008	-.000235	.0003179
#2	-.002506	-.000435	.0001108
#3	-.000861	.000080	.0000574

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2649.372	62750.33	13964.53	1798.042	4572.520
Stddev	3.379	265.36	125.08	8.288	3.400
%RSD	.1275336	.4228764	.8956958	.4609595	.0743525
#1	2650.836	62446.76	13820.12	1789.566	4573.039
#2	2645.508	62866.13	14034.67	1798.431	4568.891
#3	2651.773	62938.11	14038.80	1806.129	4575.631

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07LX5 Acquired: 12/6/2024 14:50:48 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0297042**	**-.014063**	**.0140600**	**-.000163**	**-.002470**	**358.1984**
Stddev	.0021881	.001811	.0006177	.001225	.000950	.9636
%RSD	7.366293	12.87427	4.393549	751.7215	38.47000	.2690091
#1	.0272441	-.012015	.0144230	.000760	-.002671	357.8217
#2	.0314329	-.015449	.0133467	.000304	-.003303	357.4800
#3	.0304356	-.014726	.0144102	-.001553	-.001435	359.2934

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2581055**	**-.000197**	**.0008913**	**15.60463**	**.0091716**	**.0035214**
Stddev	.0000658	.000046	.0000395	.05317	.0002274	.0000362
%RSD	.0254931	23.25658	4.434303	.3407556	2.478969	1.028224
#1	.2581646	-.000243	.0009271	15.64994	.0093613	.0034803
#2	.2581173	-.000151	.0008489	15.54609	.0089196	.0035350
#3	.2580346	-.000198	.0008980	15.61786	.0092341	.0035488

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2568564**	**14.10202**	**10.30052**	**3.489401**	**.0105781**	**.0017136**
Stddev	.0004083	.04310	.02551	.035420	.0001040	.0002643
%RSD	.1589699	.3056246	.2476632	1.015068	.9832183	15.42569
#1	.2570518	14.09065	10.31143	3.459972	.0105920	.0018516
#2	.2571303	14.06575	10.27137	3.479518	.0104678	.0014088
#3	.2563871	14.14967	10.31876	3.528713	.0106744	.0018803

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.91630**	**.0151319**	**.0545302**	**1.117423**	**.0145304**	**.0008167**
Stddev	.03669	.0011935	.0003974	.023186	.0006487	.0005627
%RSD	.3079253	7.887278	.7288078	2.074963	4.464148	68.89911
#1	11.93521	.0164610	.0542245	1.091652	.0148569	.0002648
#2	11.93967	.0147827	.0543867	1.136593	.0149509	.0013896
#3	11.87400	.0141519	.0549795	1.124024	.0137834	.0007957

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07LX5 Acquired: 12/6/2024 14:50:48 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.000183	.0501373	9.772585	5.876428	F 13.79432	-.001477
Stddev	.000505	.0002909	.030672	.010971	.03983	.000440
%RSD	275.2344	.5801578	.3138554	.1866959	.2887644	29.76710
#1	-.000584	.0502433	9.746757	5.887646	13.83320	-.000980
#2	-.000350	.0498083	9.764512	5.865722	13.75360	-.001633
#3	.000384	.0503603	9.806485	5.875915	13.79616	-.001817

Elem	Sr4077
Units	ppm
Avg	.0466729
Stddev	.0001874
%RSD	.4014419
#1	.0465616
#2	.0468892
#3	.0465679

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.026	58357.79	13821.22	1720.962	3824.384
Stddev	7.219	63.80	33.17	3.829	.917
%RSD	.2910861	.1093219	.2400036	.2224949	.0239700
#1	2487.376	58303.34	13784.46	1724.410	3824.445
#2	2472.945	58427.99	13848.93	1716.841	3823.438
#3	2479.756	58342.04	13830.26	1721.634	3825.269

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07MS Acquired: 12/6/2024 14:55:09 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.9835258**	**1.643842**	**.9408259**	**2.075568**	**.5739221**	**1815.359**
Stddev	.0071799	.005985	.0012343	.008754	.0056448	1.637
%RSD	.7300131	.3641054	.1311881	.4217484	.9835525	.0901518
#1	.9752471	1.641727	.9400504	2.074172	.5691828	1813.865
#2	.9872809	1.639202	.9422492	2.084936	.5724164	1817.108
#3	.9880494	1.650598	.9401780	2.067596	.5801671	1815.105

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.631042**	**.2155863**	**.2060804**	**81.96304**	**.4388887**	**.2184753**
Stddev	.004845	.0008018	.0005936	.51409	.0011045	.0003419
%RSD	.2970594	.3719187	.2880317	.6272164	.2516628	.1564823
#1	1.636589	.2164571	.2057043	82.51870	.4378581	.2181955
#2	1.628902	.2154232	.2057721	81.86608	.4387533	.2183740
#3	1.627635	.2148785	.2067646	81.50434	.4400546	.2188564

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.440928**	**79.08570**	F **51.90319**	**20.07228**	**.5436323**	**.0945411**
Stddev	.002667	.28627	.19611	.18325	.0011458	.0003146
%RSD	.1850632	.3619711	.3778299	.9129418	.2107607	.3327918
#1	1.437849	79.26722	52.06016	20.26225	.5425254	.0941815
#2	1.442499	78.75570	51.96605	20.05799	.5435582	.0946760
#3	1.442436	79.23419	51.68336	19.89659	.5448133	.0947658

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**76.23043**	**.3820780**	**.5206876**	**18.90775**	**.3380799**	**.3096999**
Stddev	.45910	.0040598	.0030731	.10695	.0010805	.0010222
%RSD	.6022478	1.062556	.5902071	.5656387	.3195947	.3300588
#1	76.00403	.3861477	.5192779	18.83609	.3380904	.3085736
#2	75.92851	.3820582	.5185723	18.85647	.3369943	.3099575
#3	76.75876	.3780282	.5242127	19.03068	.3391552	.3105687

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07MS Acquired: 12/6/2024 14:55:09 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.4653497	.4325466	F 55.92573	F 36.62836	F 72.29393	.2174106
Stddev	.0038427	.0009808	.21012	.12127	.14220	.0004437
%RSD	.8257714	.2267391	.3757104	.3310791	.1967032	.2040851
#1	.4658087	.4335165	55.96811	36.70542	72.29147	.2179153
#2	.4612980	.4325678	55.69766	36.48857	72.15297	.2170818
#3	.4689422	.4315554	56.11144	36.69108	72.43735	.2172348

Elem	Sr4077
Units	ppm
Avg	.4565106
Stddev	.0013807
%RSD	.3024481
#1	.4580901
#2	.4559081
#3	.4555335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2223.478	52088.50	12914.43	1535.050	3171.718
Stddev	2.430	175.29	42.70	8.427	4.285
%RSD	.1092733	.3365242	.3306575	.5489788	.1350934
#1	2226.020	52216.52	12872.11	1537.016	3173.695
#2	2221.178	52160.27	12913.69	1542.319	3174.657
#3	2223.237	51888.71	12957.50	1525.813	3166.801

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07MSD Acquired: 12/6/2024 14:59:22 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.9834840**	**1.634700**	**.9337711**	**2.061688**	**.5662728**	**1821.938**
Stddev	.0066057	.012224	.0023259	.009760	.0049661	1.808
%RSD	.6716628	.7477809	.2490917	.4733793	.8769816	.0992458
#1	.9766285	1.625328	.9353752	2.051856	.5608024	1824.020
#2	.9898077	1.648526	.9348345	2.071374	.5704973	1821.032
#3	.9840158	1.630245	.9311035	2.061833	.5675188	1820.761

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.603103**	**.2132781**	**.2031659**	**81.28542**	**.4322954**	**.2145249**
Stddev	.000884	.0009785	.0003146	.18609	.0014679	.0005988
%RSD	.0551529	.4588065	.1548545	.2289289	.3395500	.2791318
#1	1.602107	.2141562	.2034293	81.07059	.4337689	.2142218
#2	1.603797	.2134548	.2032508	81.39684	.4322841	.2141383
#3	1.603403	.2122232	.2028175	81.38882	.4308332	.2152147

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.426632**	**78.06051**	F **51.50607**	**19.90753**	**.5347318**	**.0937751**
Stddev	.004218	.23109	.18665	.05097	.0004156	.0004749
%RSD	.2956312	.2960347	.3623910	.2560484	.0777145	.5064266
#1	1.421770	77.85419	51.46561	19.84869	.5352080	.0939188
#2	1.428819	78.01711	51.34296	19.93550	.5345444	.0941615
#3	1.429307	78.31021	51.70963	19.93839	.5344429	.0932449

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**74.79274**	**.3777370**	**.5141455**	**18.56946**	**.3326062**	**.3073612**
Stddev	.02929	.0005981	.0030512	.07691	.0012891	.0004506
%RSD	.0391560	.1583291	.5934578	.4141938	.3875621	.1465913
#1	74.81105	.3778884	.5144723	18.48351	.3333540	.3069812
#2	74.80821	.3770777	.5109439	18.63181	.3333470	.3072434
#3	74.75896	.3782448	.5170201	18.59305	.3311178	.3078589

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07MSD Acquired: 12/6/2024 14:59:22 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.4590965	.4265046	F 55.44110	F 36.43178	F 71.43584	.2139659
Stddev	.0052046	.0015972	.07969	.03243	.06666	.0002415
%RSD	1.133653	.3744895	.1437379	.0890173	.0933172	.1128483
#1	.4650895	.4263062	55.34995	36.44659	71.46715	.2141947
#2	.4557126	.4250159	55.49759	36.45417	71.48109	.2139893
#3	.4564874	.4281918	55.47577	36.39459	71.35929	.2137136

Elem	Sr4077
Units	ppm
Avg	.4501129
Stddev	.0005475
%RSD	.1216431
#1	.4497326
#2	.4507405
#3	.4498657

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2240.514	52233.85	12933.23	1530.845	3208.296
Stddev	8.409	162.11	25.45	12.048	4.904
%RSD	.3753001	.3103467	.1968004	.7870418	.1528501
#1	2250.027	52415.41	12962.29	1540.769	3213.071
#2	2237.441	52182.54	12922.50	1534.328	3208.545
#3	2234.074	52103.62	12914.89	1517.439	3203.273

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07A Acquired: 12/6/2024 15:03:35 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.9887169**	**1.645890**	**.9237275**	**2.068737**	**.5681203**	**1798.088**
Stddev	.0049554	.018212	.0031742	.008165	.0043883	9.602
%RSD	.5011943	1.106493	.3436316	.3946718	.7724244	.5340124
#1	.9857350	1.656136	.9241261	2.060985	.5724514	1808.823
#2	.9944372	1.624863	.9203728	2.067966	.5636770	1790.318
#3	.9859785	1.656671	.9266836	2.077259	.5682326	1795.123

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.588933**	**.2112788**	**.2027700**	**80.08831**	**.4301324**	**.2140745**
Stddev	.005777	.0005119	.0009676	.25623	.0010241	.0007792
%RSD	.3635548	.2422777	.4771790	.3199397	.2380997	.3639608
#1	1.595449	.2106930	.2016828	79.87756	.4292611	.2131948
#2	1.586910	.2115030	.2030908	80.01385	.4312605	.2146776
#3	1.584440	.2116403	.2035365	80.37353	.4298756	.2143512

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.423815**	**77.09341**	F **51.00469**	**19.60221**	**.5324621**	**.0927452**
Stddev	.009445	.02939	.12365	.08171	.0024157	.0004554
%RSD	.6633454	.0381230	.2424204	.4168368	.4536791	.4910802
#1	1.413112	77.08265	50.94935	19.57074	.5301755	.0925685
#2	1.427350	77.12666	50.91837	19.54092	.5322218	.0932625
#3	1.430982	77.07090	51.14634	19.69498	.5349889	.0924046

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**74.42415**	**.3738165**	**.5109669**	**18.38680**	**.3294353**	**.3060248**
Stddev	.50156	.0013074	.0010696	.07036	.0011195	.0016899
%RSD	.6739272	.3497297	.2093260	.3826474	.3398183	.5522218
#1	74.99794	.3724950	.5121994	18.46596	.3283864	.3041503
#2	74.20535	.3751092	.5102822	18.33141	.3306140	.3064925
#3	74.06915	.3738452	.5104190	18.36302	.3293054	.3074317

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07A Acquired: 12/6/2024 15:03:35 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.4528860	.4211680	F 54.88747	F 36.50282	F 71.39873	.2108909
Stddev	.0025540	.0016104	.05142	.16345	.33176	.0014773
%RSD	.5639288	.3823685	.0936754	.4477798	.4646584	.7004847
#1	.4507420	.4210787	54.93677	36.57782	71.13142	.2125906
#2	.4522044	.4196041	54.83417	36.31533	71.29473	.2101651
#3	.4557116	.4228212	54.89147	36.61532	71.77003	.2099169

Elem	Sr4077
Units	ppm
Avg	.4457253
Stddev	.0014178
%RSD	.3180957
#1	.4473625
#2	.4448974
#3	.4449162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2226.192	52585.91	13044.99	1540.620	3188.142
Stddev	14.745	35.37	14.99	5.545	17.692
%RSD	.6623589	.0672604	.1149331	.3599359	.5549333
#1	2243.218	52545.30	13059.38	1535.845	3208.568
#2	2217.560	52609.93	13046.15	1546.702	3177.649
#3	2217.798	52602.51	13029.46	1539.314	3178.209

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5069-01 Acquired: 12/6/2024 15:07:50 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.2278695	.0415702	4.916117	-.481662	.0892087	490.7141
Stddev	.0053834	.0042918	.011540	.003407	.0041861	2.8907
%RSD	2.362495	10.32419	.2347308	.7073088	4.692493	.5890809
#1	.2340415	.0444343	4.929238	-.484810	.0908965	493.8799
#2	.2241426	.0366357	4.907543	-.478045	.0844422	488.2151
#3	.2254245	.0436405	4.911571	-.482132	.0922874	490.0472

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.080622	.0235642	.3383709	375.7656	1.687401	.4036299
Stddev	.013572	.0000833	.0027715	1.1240	.005139	.0013875
%RSD	.4405753	.3535772	.8190745	.2991097	.3045637	.3437664
#1	3.091505	.0234680	.3415452	376.6280	1.693191	.4050197
#2	3.084947	.0236124	.3364315	376.1744	1.683379	.4022446
#3	3.065414	.0236122	.3371360	374.4945	1.685633	.4036254

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.11266	F 1430.914	29.44280	401.5599	.9218791	^ *****
Stddev	.00861	4.487	.05097	.8525	.0013124	-----
%RSD	.0569629	.3135676	.1731018	.2122985	.1423563	-----
#1	15.12107	1426.180	29.50145	401.5339	.9230595	^ -----
#2	15.10386	1431.458	29.41769	402.4251	.9221119	^ -----
#3	15.11304	1435.104	29.40926	400.7207	.9204660	^ -----

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	45.84493	.9148686	22.62842	23.07360	^ *****	.0739935
Stddev	.09480	.0019012	.09629	.02236	-----	.0011059
%RSD	.2067855	.2078069	.4255340	.0968976	-----	1.494605
#1	45.74035	.9138753	22.51724	23.06057	^ -----	.0727880
#2	45.92523	.9170607	22.68299	23.06081	^ -----	.0742314
#3	45.86922	.9136699	22.68503	23.09941	^ -----	.0749612

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5069-01 Acquired: 12/6/2024 15:07:50 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.4110711	6.736886	F 34.38284	F 24.66467	F 95.69635	.2740214
Stddev	.0014228	.017207	.35537	.17516	.44011	.0003337
%RSD	.3461179	.2554132	1.033578	.7101456	.4598980	.1217617
#1	.4116029	6.736768	34.04461	24.86084	96.20027	.2738725
#2	.4121514	6.754152	34.35073	24.60922	95.38744	.2744036
#3	.4094590	6.719739	34.75317	24.52395	95.50134	.2737881

Elem	Sr4077
Units	ppm
Avg	.5754523
Stddev	.0093489
%RSD	1.624621
#1	.5831985
#2	.5780907
#3	.5650677

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.860	60151.19	15333.50	1559.170	2845.668
Stddev	4.120	48.15	40.02	7.435	4.781
%RSD	.1829675	.0800465	.2610008	.4768603	.1679995
#1	2256.127	60160.05	15304.64	1566.545	2846.193
#2	2251.549	60194.30	15316.68	1559.290	2850.164
#3	2247.904	60099.23	15379.19	1551.676	2840.646

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01 Acquired: 12/6/2024 15:12:41 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0507858	-.003067	.0643563	-.021218	.0003570	50.89126	.2828305
Stddev	.0015994	.002516	.0010956	.001528	.0006518	.03198	.0005574
%RSD	3.149202	82.03272	1.702387	7.202989	182.5505	.0628459	.1970692
#1	.0505496	-.001218	.0646959	-.022529	.0005951	50.87306	.2829880
#2	.0524902	-.002050	.0652418	-.021586	.0008563	50.92819	.2832922
#3	.0493178	-.005932	.0631311	-.019539	-.000380	50.87252	.2822113

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047620	.0032006	3.727963	.1461329	.0414100	.0972053	133.2867
Stddev	.0000861	.0000910	.018278	.0003243	.0002173	.0002862	.4069
%RSD	1.807287	2.844519	.4902890	.2219202	.5248142	.2944042	.3052782
#1	.0048400	.0033005	3.706860	.1457611	.0415724	.0970120	132.9081
#2	.0046697	.0031222	3.738798	.1462800	.0414945	.0970698	133.7169
#3	.0047764	.0031792	3.738230	.1463576	.0411631	.0975340	133.2350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9424324	5.620681	.0498281	.0000317	.0564931	.2584574	.1745682
Stddev	.0029131	.038955	.0001711	.0002520	.0021826	.0005464	.0005671
%RSD	.3091073	.6930657	.3434502	794.6464	3.863482	.2114052	.3248693
#1	.9390722	5.575707	.0500059	-.000171	.0583926	.2590500	.1741392
#2	.9442463	5.642442	.0498140	-.000047	.0541089	.2583486	.1752112
#3	.9439788	5.643893	.0496645	.000314	.0569777	.2579737	.1743543

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.025385	.0336710	.0047026	.0055027	.8561703	2.627519	1.376052
Stddev	.020556	.0013652	.0003125	.0006894	.0021047	.007484	.002037
%RSD	.5106701	4.054639	6.645439	12.52820	.2458316	.2848413	.1480632
#1	4.046923	.0326987	.0046963	.0061811	.8567263	2.618910	1.374771
#2	4.005976	.0352318	.0050183	.0048029	.8579412	2.631166	1.374984
#3	4.023255	.0330825	.0043933	.0055240	.8538434	2.632480	1.378402

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01 Acquired: 12/6/2024 15:12:41 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.8728901	.0315295	-.105167
Stddev	.0042553	.0005649	.000425
%RSD	.4874915	1.791658	.4043490
#1	.8777177	.0311887	-.104714
#2	.8712689	.0321816	-.105558
#3	.8696838	.0312182	-.105228

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2598.502	63424.98	14759.97	1788.061	4141.789
Stddev	4.237	52.68	8.22	7.696	4.606
%RSD	.1630722	.0830620	.0557120	.4304227	.1112039
#1	2598.185	63451.54	14769.00	1793.723	4136.487
#2	2602.888	63364.30	14758.00	1779.298	4144.086
#3	2594.431	63459.09	14752.92	1791.164	4144.796

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01DUP Acquired: 12/6/2024 15:16:51 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0507437	-.001268	.0642109	-.020288	-.000008	50.49349	.2831858
Stddev	.0014035	.001596	.0006245	.001844	.000968	.09357	.0009380
%RSD	2.765883	125.8453	.9725227	9.090687	12570.60	.1853126	.3312210
#1	.0495112	-.000995	.0634934	-.018808	-.000199	50.40390	.2821214
#2	.0504486	.000173	.0645074	-.019702	-.000865	50.59059	.2838914
#3	.0522713	-.002982	.0646319	-.022354	.001041	50.48598	.2835445

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048773	.0028693	3.594454	.1468110	.0416604	.0988098	133.3792
Stddev	.0000514	.0000893	.030363	.0005705	.0000962	.0008348	.4201
%RSD	1.054650	3.111974	.8447069	.3886284	.2309062	.8448940	.3149504
#1	.0049352	.0029709	3.560436	.1465236	.0416064	.0978472	132.9339
#2	.0048370	.0028336	3.604116	.1474681	.0416034	.0993361	133.4352
#3	.0048597	.0028034	3.618810	.1464412	.0417715	.0992460	133.7684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9465513	5.643571	.0497547	-.000658	.0406173	.2595200	.1623884
Stddev	.0068812	.028126	.0001826	.000172	.0050702	.0025139	.0001018
%RSD	.7269804	.4983778	.3669803	26.13212	12.48292	.9686542	.0626826
#1	.9399339	5.611787	.0495970	-.000462	.0355309	.2566172	.1625059
#2	.9460508	5.653682	.0497124	-.000783	.0456712	.2609722	.1623296
#3	.9536691	5.665244	.0499547	-.000729	.0406499	.2609705	.1623296

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.914974	.0371467	.0042164	.0056888	.8594578	2.622310	1.391769
Stddev	.034477	.0004492	.0001122	.0004655	.0056806	.016776	.001553
%RSD	.8806411	1.209360	2.661445	8.182897	.6609563	.6397576	.1116140
#1	3.912610	.0370105	.0043422	.0051994	.8545679	2.603274	1.392088
#2	3.950572	.0367814	.0041803	.0061260	.8581164	2.634938	1.390081
#3	3.881740	.0376483	.0041266	.0057408	.8656891	2.628718	1.393139

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01DUP Acquired: 12/6/2024 15:16:51 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.8620275	.0311168	-.105498
Stddev	.0070027	.0001525	.000388
%RSD	.8123480	.4900715	.3674209
#1	.8551868	.0312668	-.105187
#2	.8617141	.0309619	-.105376
#3	.8691816	.0311215	-.105932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.418	64104.71	14716.11	1845.215	4201.201
Stddev	5.756	126.43	43.44	12.580	5.555
%RSD	.2155383	.1972256	.2951562	.6817504	.1322318
#1	2664.357	64012.60	14757.10	1832.227	4199.511
#2	2675.809	64052.68	14720.64	1846.077	4207.404
#3	2671.089	64248.85	14670.58	1857.342	4196.686

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01LX5 Acquired: 12/6/2024 15:21:02 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0113962	-.000138	.0133636	-.006143	-.000781	10.56137	.0606100
Stddev	.0031885	.001054	.0003626	.001960	.000172	.00330	.0005446
%RSD	27.97894	765.5232	2.713323	31.90907	22.06132	.0312016	.8984791
#1	.0149312	-.000144	.0129836	-.003906	-.000770	10.56508	.0599830
#2	.0087373	-.001188	.0137058	-.006966	-.000615	10.56022	.0609648
#3	.0105201	.000919	.0134016	-.007558	-.000959	10.55879	.0608823

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011238	.0001760	.7186874	.0312823	.0085896	.0215374	27.91170
Stddev	.0000889	.0000694	.0089631	.0004904	.0002009	.0004287	.08197
%RSD	7.910988	39.43672	1.247154	1.567767	2.338904	1.990466	.2936903
#1	.0010513	.0001568	.7113317	.0307572	.0087286	.0215671	27.82434
#2	.0012230	.0002529	.7286707	.0317285	.0086811	.0219505	27.92384
#3	.0010971	.0001182	.7160599	.0313612	.0083593	.0210947	27.98693

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2075118	1.222991	.0103142	-.000330	.0425467	.0544235	.0324515
Stddev	.0003042	.014642	.0001629	.000181	.0173606	.0004118	.0001145
%RSD	.1465965	1.197246	1.579188	54.92495	40.80373	.7566120	.3529202
#1	.2077166	1.237854	.0101359	-.000237	.0263686	.0543540	.0325774
#2	.2071622	1.222539	.0103514	-.000215	.0403842	.0540509	.0324236
#3	.2076565	1.208580	.0104553	-.000539	.0608872	.0548656	.0323535

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7020650	.0052223	.0006770	.0000379	.1809859	.5241692	.2813168
Stddev	.0116264	.0002923	.0000596	.0006272	.0017752	.0065288	.0029921
%RSD	1.656023	5.597160	8.804077	1656.246	.9808474	1.245547	1.063619
#1	.6886470	.0049331	.0006183	.0002933	.1828594	.5178972	.2779200
#2	.7084006	.0052160	.0007375	.0004970	.1793289	.5236830	.2824681
#3	.7091475	.0055176	.0006752	-.000677	.1807694	.5309275	.2835623

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01LX5 Acquired: 12/6/2024 15:21:02 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.1764416	.0059048	-.022002
Stddev	.0003482	.0003453	.000072
%RSD	.1973442	5.847067	.3273257
#1	.1760674	.0055150	-.021921
#2	.1767561	.0061721	-.022059
#3	.1765015	.0060272	-.022025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2703.252	63400.10	13909.74	1879.198	4453.100
Stddev	4.035	57.71	47.98	3.647	2.317
%RSD	.1492701	.0910314	.3449078	.1940682	.0520409
#1	2704.242	63376.20	13877.52	1875.685	4450.573
#2	2706.701	63358.17	13886.82	1878.945	4455.127
#3	2698.815	63465.92	13964.87	1882.965	4453.600

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01MS Acquired: 12/6/2024 15:25:18 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.8010300	1.874968	1.027130	1.719334	.3636938	75.23176	.5360764
Stddev	.0017663	.007879	.001560	.006017	.0007374	.14405	.0022513
%RSD	.2205035	.4202272	.1518898	.3499447	.2027487	.1914721	.4199555
#1	.7992597	1.874113	1.025374	1.718843	.3635155	75.10844	.5334809
#2	.8010381	1.867551	1.027661	1.713577	.3630619	75.19674	.5372490
#3	.8027923	1.883240	1.028356	1.725581	.3645040	75.39008	.5374993

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2067468	.2030028	5.076055	.5958219	.2541720	.4098726	176.3880
Stddev	.0001815	.0000646	.006143	.0021441	.0001913	.0003325	.3088
%RSD	.0877980	.0318136	.1210270	.3598616	.0752574	.0811214	.1750765
#1	.2067518	.2029367	5.069335	.5949848	.2543524	.4094987	176.0732
#2	.2065628	.2030061	5.077450	.5942226	.2541924	.4099839	176.4004
#3	.2069258	.2030657	5.081382	.5982583	.2539714	.4101351	176.6905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.231623	9.102359	.5718324	.0717926	2.709548	.6562518	.4097375
Stddev	.002379	.026534	.0005898	.0002289	.028932	.0026960	.0009103
%RSD	.1931208	.2915041	.1031337	.3188310	1.067770	.4108121	.2221674
#1	1.232611	9.130058	.5718037	.0717388	2.676493	.6584514	.4093459
#2	1.228909	9.077168	.5712575	.0720436	2.730265	.6532442	.4107781
#3	1.233348	9.099850	.5724360	.0715954	2.721887	.6570597	.4090885

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.46007	.2713391	.3828193	.6309925	1.279361	3.924791	7.362907
Stddev	.08806	.0011722	.0003691	.0016871	.002943	.010315	.019610
%RSD	.6542504	.4319964	.0964101	.2673700	.2300757	.2628185	.2663353
#1	13.35864	.2700141	.3823933	.6295549	1.275992	3.933141	7.384931
#2	13.50460	.2722407	.3830425	.6305728	1.281438	3.913260	7.347339
#3	13.51698	.2717627	.3830221	.6328498	1.280652	3.927973	7.356450

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01MS Acquired: 12/6/2024 15:25:18 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	1.000426	.2449499	.0757049
Stddev	.007241	.0012540	.0004623
%RSD	.7237502	.5119538	.6106537
#1	1.007551	.2435564	.0751821
#2	.993075	.2453057	.0760597
#3	1.000652	.2459876	.0758730

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2646.259	63523.46	14203.25	1825.834	4104.180
Stddev	4.181	107.58	23.53	9.011	3.954
%RSD	.1580021	.1693523	.1656900	.4935371	.0963289
#1	2650.793	63640.29	14182.48	1836.223	4108.550
#2	2642.554	63501.60	14228.81	1821.143	4103.139
#3	2645.431	63428.49	14198.45	1820.137	4100.852

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01MSD Acquired: 12/6/2024 15:29:18 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.7906202**	**1.854203**	**1.011283**	**1.707085**	**.3598908**	**74.07296**	**.5243022**
Stddev	.0022295	.014871	.002702	.003055	.0019342	.13299	.0025223
%RSD	.2819917	.8020194	.2672174	.1789597	.5374377	.1795422	.4810817
#1	.7914751	1.866685	1.008557	1.710609	.3594035	73.92867	.5230852
#2	.7880898	1.837749	1.011331	1.705449	.3620221	74.19063	.5272022
#3	.7922958	1.858175	1.013961	1.705197	.3582469	74.09957	.5226191

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2010445**	**.2000522**	**5.018781**	**.5882182**	**.2503718**	**.4022377**	**174.3632**
Stddev	.0004328	.0005320	.026643	.0016948	.0005088	.0012824	.4584
%RSD	.2152869	.2659192	.5308579	.2881277	.2032101	.3188165	.2629024
#1	.2015038	.1996594	5.022857	.5870699	.2497867	.4030489	174.1850
#2	.2006443	.1998398	5.043150	.5874198	.2506185	.4007592	174.8839
#3	.2009854	.2006576	4.990335	.5901647	.2507102	.4029049	174.0206

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.196414**	**8.895204**	**.5633070**	**.0710162**	**2.681158**	**.6424738**	**.4036929**
Stddev	.004912	.034840	.0009498	.0001253	.012598	.0012791	.0013173
%RSD	.4105530	.3916696	.1686175	.1763940	.4698754	.1990953	.3263222
#1	1.193455	8.913070	.5622250	.0711072	2.669224	.6410178	.4049597
#2	1.202084	8.917487	.5636931	.0710680	2.694329	.6434167	.4037888
#3	1.193703	8.855055	.5640031	.0708733	2.679921	.6429869	.4023302

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.43041**	**.2642312**	**.3803018**	**.6213081**	**1.254868**	**4.008086**	**7.281011**
Stddev	.05171	.0012016	.0002060	.0022410	.002710	.028645	.018259
%RSD	.3850222	.4547618	.0541747	.3606914	.2159475	.7146858	.2507699
#1	13.38939	.2631434	.3804677	.6208757	1.253402	3.983993	7.298759
#2	13.48850	.2640291	.3800712	.6193148	1.257996	4.039759	7.262281
#3	13.41335	.2655210	.3803666	.6237338	1.253207	4.000507	7.281992

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01MSD Acquired: 12/6/2024 15:29:18 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.9837880	.2402912	.0725262
Stddev	.0038941	.0010888	.0005085
%RSD	.3958318	.4531233	.7010863
#1	.9852748	.2392819	.0721521
#2	.9793694	.2414451	.0731051
#3	.9867197	.2401465	.0723213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2654.825	63501.98	14455.51	1822.261	4132.929
Stddev	5.472	20.10	26.23	4.108	1.163
%RSD	.2061055	.0316599	.1814825	.2254099	.0281363
#1	2649.247	63523.21	14437.89	1818.004	4132.049
#2	2655.045	63499.50	14442.98	1822.578	4132.490
#3	2660.184	63483.23	14485.66	1826.201	4134.247

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV04 Acquired: 12/6/2024 15:40:34 Type: Unk
Method: NON EPA-6010-200.7(v2506) 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	**4.871450**	**4.908309**	**4.955478**	**4.907397**	**4.784339**	**9.823094**	**9.560022**
Stddev	.013808	.079963	.005015	.020373	.009564	.014129	.056242
%RSD	.2834440	1.629128	.1012020	.4151412	.1998917	.1438353	.5883059
#1	4.860221	4.835755	4.955796	4.886493	4.773891	9.835030	9.565271
#2	4.886867	4.994042	4.960327	4.908505	4.786465	9.807494	9.501340
#3	4.867263	4.895128	4.950312	4.927193	4.792660	9.826759	9.613456

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2496168**	**2.498755**	**24.61994**	**1.016807**	**2.477214**	**1.244085**	**4.883362**
Stddev	.0008411	.000894	.05140	.004675	.001491	.000325	.015578
%RSD	.3369434	.0357603	.2087819	.4597451	.0602060	.0260930	.3190081
#1	.2486829	2.499681	24.57811	1.011772	2.477806	1.244029	4.865417
#2	.2498528	2.497898	24.60439	1.021010	2.475517	1.244434	4.893414
#3	.2503146	2.498686	24.67733	1.017639	2.478318	1.243792	4.891255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.416118**	**24.75055**	**2.481885**	**1.227302**	**25.61600**	**2.480474**	**2.429368**
Stddev	.004623	.06588	.000142	.001959	.12535	.003113	.009329
%RSD	.1913355	.2661789	.0057160	.1595857	.4893578	.1255083	.3840148
#1	2.410818	24.69529	2.481967	1.225698	25.60984	2.478502	2.427276
#2	2.419316	24.73291	2.481721	1.226722	25.74432	2.484063	2.421263
#3	2.418221	24.82346	2.481966	1.229485	25.49384	2.478856	2.439566

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.46360**	**4.877799**	**4.994352**	**4.949422**	**4.818825**	**5.112867**	**4.950523**
Stddev	.07370	.010619	.009502	.006485	.001414	.028716	.018041
%RSD	.3140845	.2177057	.1902531	.1310352	.0293512	.5616387	.3644159
#1	23.42364	4.876261	4.983383	4.945620	4.817352	5.079774	4.938053
#2	23.54864	4.868033	5.000055	4.956911	4.818950	5.131210	4.971209
#3	23.41851	4.889103	4.999618	4.945736	4.820173	5.127617	4.942307

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV04 Acquired: 12/6/2024 15:40:34 Type: Unk
Method: NON EPA-6010-200.7(v2506) 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	**4.841848**	**4.649151**	**4.863035**
Stddev	.020232	.016855	.024974
%RSD	.4178511	.3625371	.5135547
#1	4.823163	4.643736	4.884991
#2	4.863334	4.668048	4.835866
#3	4.839046	4.635669	4.868249

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2460.820**	**58144.82**	**13436.07**	**1681.823**	**3913.893**
Stddev	4.661	55.20	29.46	5.247	6.405
%RSD	.1893928	.0949378	.2192607	.3120015	.1636509
#1	2463.787	58087.02	13407.59	1676.361	3917.659
#2	2463.224	58150.43	13466.42	1686.825	3917.523
#3	2455.448	58196.99	13434.19	1682.282	3906.498

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB04 Acquired: 12/6/2024 15:44:16 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0007085**	**-.001006**	**-.000117**	**-.000389**	**.0028155**	**.0137595**	**-.000866**
Stddev	.0029937	.001416	.001081	.001022	.0014688	.0020414	.000247
%RSD	422.5444	140.7781	924.3303	262.7037	52.16741	14.83619	28.56138
#1	-.002748	-.000426	.000451	-.000628	.0038779	.0142480	-.000582
#2	.002490	-.002620	-.001363	-.001271	.0034291	.0155122	-.000981
#3	.002383	.000028	.000561	.000731	.0011394	.0115181	-.001035

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000526**	**.0001713**	**-.001087**	**.0001504**	**.0001273**	**-.000242**	**.0077896**
Stddev	.0000761	.0000430	.007101	.0003046	.0001894	.000139	.0007308
%RSD	144.8086	25.08057	653.2334	202.4931	148.8508	57.39199	9.381869
#1	.0001383	.0002207	.004465	.0000678	.0001608	-.000126	.0085915
#2	.0000267	.0001426	-.009089	-.000104	.0002977	-.000204	.0076164
#3	-.000007	.0001506	.001362	.000488	-.000077	-.000396	.0071610

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005724**	**-.001006**	**.0005344**	**.0007873**	**.0507638**	**.0008439**	**-.000807**
Stddev	.0000974	.002728	.0003179	.0000992	.0125345	.0007522	.000137
%RSD	17.02349	271.1136	59.48745	12.59676	24.69173	89.14038	17.01410
#1	.0005157	.001661	.0006780	.0007893	.0365662	.0005222	-.000657
#2	.0006849	-.000888	.0001700	.0006872	.0554266	.0017035	-.000838
#3	.0005165	-.003792	.0007551	.0008855	.0602985	.0003059	-.000926

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.060190**	**.0053236**	**.0010499**	**-.000830**	**.0013275**	**.0025687**	**-.002643**
Stddev	.001252	.0002836	.0002587	.000698	.0001246	.0034289	.000625
%RSD	2.080201	5.327156	24.63653	84.07984	9.382676	133.4920	23.63494
#1	-.058930	.0054273	.0012691	-.000437	.0012099	.0036280	-.001997
#2	-.060204	.0055407	.0007646	-.000418	.0013147	-.001265	-.003244
#3	-.061434	.0050027	.0011160	-.001636	.0014580	.005343	-.002689

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB04 Acquired: 12/6/2024 15:44:16 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.003846	-.000125	.0006486
Stddev	.001448	.000115	.0001072
%RSD	37.66146	92.01750	16.52099
#1	-.004755	-.000191	.0007380
#2	-.002175	.000008	.0006779
#3	-.004607	-.000190	.0005298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2624.178	62209.93	13624.71	1811.855	4525.391
Stddev	3.549	94.17	5.48	4.530	5.429
%RSD	.1352427	.1513690	.0402430	.2500282	.1199579
#1	2620.099	62168.06	13622.83	1806.802	4522.367
#2	2626.555	62143.96	13620.41	1813.207	4531.658
#3	2625.881	62317.77	13630.88	1815.555	4522.147

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01A Acquired: 12/6/2024 15:48:36 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.8020518	1.870463	1.022877	1.730337	.3665896	74.13253	.5350920
Stddev	.0030644	.001542	.000719	.002561	.0009555	.16079	.0033836
%RSD	.3820651	.0824304	.0702595	.1479982	.2606485	.2168934	.6323414
#1	.8040639	1.870924	1.022262	1.732627	.3676799	74.02354	.5326260
#2	.7985251	1.871722	1.023667	1.727572	.3658981	74.05685	.5337006
#3	.8035665	1.868744	1.022702	1.730812	.3661908	74.31719	.5389495

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1997755	.2019722	5.112447	.5859793	.2535028	.4046543	176.8169
Stddev	.0006813	.0001000	.019788	.0026249	.0003411	.0021837	1.0668
%RSD	.3410226	.0494854	.3870476	.4479493	.1345546	.5396568	.6033317
#1	.1993740	.2018568	5.098910	.5843049	.2534991	.4071339	175.6543
#2	.1993903	.2020262	5.135156	.5846284	.2538457	.4030177	177.0458
#3	.2005621	.2020334	5.103275	.5890045	.2531635	.4038112	177.7507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.210812	8.842035	.5696116	.0723043	2.750030	.6432086	.4068880
Stddev	.007403	.036832	.0007598	.0002823	.018828	.0050949	.0015795
%RSD	.6113682	.4165516	.1333952	.3903901	.6846482	.7921096	.3881796
#1	1.202294	8.807098	.5687571	.0720649	2.745478	.6377830	.4073573
#2	1.214452	8.880506	.5702113	.0722324	2.733896	.6439515	.4081796
#3	1.215689	8.838502	.5698664	.0726156	2.770717	.6478913	.4051270

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.75183	.2692970	.3821765	.6299672	1.276936	4.259813	7.325275
Stddev	.06514	.0033557	.0013063	.0018915	.006814	.007213	.013534
%RSD	.4736755	1.246115	.3418071	.3002583	.5336522	.1693189	.1847527
#1	13.74265	.2656811	.3834147	.6278163	1.269314	4.251533	7.326643
#2	13.69177	.2698986	.3808114	.6307141	1.279054	4.264730	7.311109
#3	13.82108	.2723112	.3823033	.6313713	1.282440	4.263176	7.338072

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5076-01A Acquired: 12/6/2024 15:48:36 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	1.000223	.2442233	.0740212
Stddev	.007765	.0014626	.0006438
%RSD	.7762864	.5988917	.8697237
#1	1.009174	.2436869	.0740608
#2	.996185	.2431046	.0733585
#3	.995309	.2458784	.0746443

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.256	63477.57	14526.08	1834.856	4091.017
Stddev	10.365	24.34	22.51	6.694	6.015
%RSD	.3933367	.0383434	.1549380	.3648414	.1470279
#1	2624.787	63490.66	14548.43	1829.605	4085.332
#2	2645.515	63492.56	14503.42	1832.568	4097.315
#3	2635.467	63449.49	14526.39	1842.394	4090.405

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5095-01 Acquired: 12/6/2024 15:52:36 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0660730**	**-.005892**	**.2627390**	**-.072798**	**-.001082**	**149.6222**
Stddev	.0012334	.004945	.0047931	.001194	.002142	.3302
%RSD	1.866709	83.92975	1.824299	1.640166	197.9538	.2206814
#1	.0663880	-.000182	.2578816	-.073676	-.001959	149.2412
#2	.0647126	-.008719	.2628701	-.073279	.001359	149.7992
#3	.0671183	-.008775	.2674652	-.071439	-.002647	149.8260

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.658759**	**.0173459**	**.0372384**	**94.57198**	**.3467686**	**.2226975**
Stddev	.004250	.0000055	.0003843	.32576	.0014078	.0003848
%RSD	.1598307	.0314838	1.032091	.3444612	.4059880	.1728092
#1	2.654304	.0173520	.0367953	94.79658	.3483914	.2224285
#2	2.659205	.0173443	.0374818	94.72101	.3458736	.2225257
#3	2.662768	.0173415	.0374381	94.19836	.3460409	.2231383

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2669257**	**361.2345**	**8.616108**	**92.72572**	**.4807973**	**-.001713**
Stddev	.0005631	1.8561	.028363	.23571	.0012002	.000732
%RSD	.2109409	.5138285	.3291902	.2542064	.2496289	42.73480
#1	.2674051	361.0519	8.611316	92.79820	.4800094	-.002412
#2	.2670663	359.4765	8.646562	92.91668	.4802039	-.001774
#3	.2663057	363.1752	8.590446	92.46228	.4821786	-.000952

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.67135**	**.4192963**	**.9273600**	**34.09031**	**.1608996**	**.0020068**
Stddev	.02935	.0005977	.0017148	.01276	.0028890	.0002217
%RSD	.2146683	.1425474	.1849089	.0374422	1.795518	11.04531
#1	13.63852	.4188758	.9293099	34.07757	.1603855	.0019587
#2	13.69505	.4190325	.9266831	34.10310	.1583021	.0018132
#3	13.68047	.4199805	.9260870	34.09027	.1640111	.0022486

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5095-01 Acquired: 12/6/2024 15:52:36 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0099545	3.664020	1.751450	F 10.67311	.5864354	.3808473
Stddev	.0006672	.004621	.015485	.03081	.0016600	.0011956
%RSD	6.702644	.1261156	.8841344	.2886977	.2830631	.3139410
#1	.0100319	3.658762	1.768904	10.63841	.5875853	.3794667
#2	.0092519	3.667437	1.739362	10.69726	.5845323	.3815344
#3	.0105796	3.665860	1.746083	10.68367	.5871885	.3815408

Elem	Sr4077
Units	ppm
Avg	-.055206
Stddev	.001970
%RSD	3.567757
#1	-.055965
#2	-.052970
#3	-.056683

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2931.115	71957.98	17297.47	2043.715	3557.422
Stddev	12.689	104.54	13.24	4.330	13.012
%RSD	.4329025	.1452760	.0765417	.2118914	.3657729
#1	2934.813	71849.11	17292.13	2040.032	3563.737
#2	2941.543	71967.26	17287.74	2048.485	3566.072
#3	2916.987	72057.56	17312.55	2042.626	3542.458

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5096-01 Acquired: 12/6/2024 15:56:58 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.3334467**	**.0257821**	**3.182391**	**-.136423**	**.0141929**	**174.0356**
Stddev	.0018470	.0013860	.003830	.004446	.0005661	.3607
%RSD	.5539154	5.375768	.1203635	3.258804	3.988831	.2072796
#1	.3344588	.0264667	3.183514	-.141510	.0137448	173.8475
#2	.3313148	.0241870	3.178125	-.133286	.0140047	174.4515
#3	.3345664	.0266926	3.185535	-.134472	.0148292	173.8077

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.477616**	**.0196597**	**.0808840**	**49.93919**	**.9431221**	**.2978337**
Stddev	.006696	.0000585	.0007975	.13694	.0018145	.0012776
%RSD	.2702502	.2977369	.9860308	.2742105	.1923972	.4289570
#1	2.469885	.0196339	.0817391	49.99503	.9436542	.2970339
#2	2.481407	.0197267	.0801604	50.03938	.9411010	.2971600
#3	2.481556	.0196184	.0807525	49.78315	.9446111	.2993071

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.074847**	**664.5556**	**11.08320**	**92.42676**	**.6398744**	**-.007650**
Stddev	.006315	4.7411	.02292	.29550	.0006705	.000289
%RSD	.5875577	.7134213	.2067653	.3197131	.1047877	3.780002
#1	1.081969	659.3638	11.06273	92.59526	.6397015	-.007928
#2	1.069928	668.6555	11.10795	92.59947	.6393072	-.007351
#3	1.072645	665.6475	11.07892	92.08556	.6406144	-.007671

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.42369**	**.6321748**	**2.389870**	**28.20516**	**.1468947**	**.0167943**
Stddev	.07622	.0020205	.004076	.14708	.0065342	.0001235
%RSD	.5678140	.3196124	.1705504	.5214532	4.448192	.7356192
#1	13.34292	.6300870	2.385168	28.03734	.1396743	.0168165
#2	13.49436	.6341206	2.392405	28.31161	.1486090	.0166611
#3	13.43379	.6323166	2.392036	28.26654	.1524008	.0169052

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5096-01 Acquired: 12/6/2024 15:56:58 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.2129698	3.414836	2.220070	F 10.93390	1.761453	.5559496
Stddev	.0013352	.006160	.018741	.06572	.012349	.0011714
%RSD	.6269271	.1804000	.8441769	.6010566	.7010508	.2106940
#1	.2119140	3.411570	2.199278	10.86564	1.756798	.5546541
#2	.2144707	3.421942	2.225273	10.93931	1.752108	.5569339
#3	.2125248	3.410996	2.235661	10.99674	1.775452	.5562609

Elem	Sr4077
Units	ppm
Avg	-.362510
Stddev	.004209
%RSD	1.161013
#1	-.357891
#2	-.366129
#3	-.363510

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2695.737	67172.09	16081.91	1892.834	3559.041
Stddev	3.546	224.02	6.45	7.891	2.214
%RSD	.1315443	.3335006	.0401139	.4168657	.0622133
#1	2691.981	67429.88	16074.95	1901.889	3557.217
#2	2696.202	67024.64	16083.10	1887.433	3561.504
#3	2699.027	67061.76	16087.69	1889.180	3558.401

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5096-05 Acquired: 12/6/2024 16:01:18 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0620407**	**-.004251**	**2.160962**	**-.062713**	**.0026591**	**143.4972**
Stddev	.0016048	.000539	.006908	.000994	.0022106	.0618
%RSD	2.586715	12.68000	.3196883	1.585728	83.13179	.0430369
#1	.0622794	-.004862	2.153853	-.063741	.0002462	143.5644
#2	.0635129	-.003844	2.161383	-.062641	.0031444	143.4430
#3	.0603300	-.004046	2.167650	-.061756	.0045867	143.4841

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.153693**	**.0138794**	**.0326939**	**60.63651**	**.3272727**	**.2236688**
Stddev	.003892	.0000978	.0003587	.25225	.0008524	.0006305
%RSD	.1807280	.7043662	1.097275	.4160026	.2604683	.2818796
#1	2.158059	.0138513	.0328335	60.82144	.3275272	.2231480
#2	2.150586	.0137987	.0322864	60.73893	.3279690	.2234888
#3	2.152436	.0139881	.0329619	60.34916	.3263220	.2243697

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3938216**	**323.1945**	**7.079960**	**70.96304**	**.4195053**	**-.001254**
Stddev	.0010677	1.2020	.022607	.28940	.0015268	.000469
%RSD	.2711072	.3719076	.3193100	.4078240	.3639433	37.40994
#1	.3946122	322.3243	7.096419	71.14843	.4190653	-.001476
#2	.3926071	322.6930	7.089277	71.11113	.4182468	-.001570
#3	.3942456	324.5660	7.054183	70.62956	.4212037	-.000715

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.417955**	**.4529929**	**1.330121**	**17.53829**	**.1312888**	**.0081116**
Stddev	.003064	.0001580	.002359	.01124	.0022438	.0000801
%RSD	.0413094	.0348818	.1773632	.0640671	1.709036	.9880386
#1	7.421357	.4531073	1.332437	17.55125	.1293760	.0081698
#2	7.417099	.4528126	1.330205	17.53120	.1307318	.0080202
#3	7.415411	.4530588	1.327721	17.53243	.1337587	.0081450

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5096-05 Acquired: 12/6/2024 16:01:18 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0331104	2.656104	2.525707	F 10.22652	1.391039	.3901387
Stddev	.0003504	.004371	.010587	.04630	.000655	.0008372
%RSD	1.058335	.1645630	.4191529	.4527107	.0471144	.2145976
#1	.0335033	2.660889	2.513701	10.25249	1.391127	.3910301
#2	.0328303	2.655102	2.529719	10.17307	1.390344	.3893689
#3	.0329975	2.652322	2.533702	10.25400	1.391645	.3900170

Elem	Sr4077
Units	ppm
Avg	-.062073
Stddev	.001678
%RSD	2.703035
#1	-.060694
#2	-.061585
#3	-.063941

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.417	70655.40	16956.12	2011.333	3662.073
Stddev	5.292	95.62	36.99	5.324	5.066
%RSD	.1835992	.1353333	.2181607	.2646768	.1383336
#1	2877.364	70744.06	16922.52	2016.948	3663.909
#2	2887.919	70668.04	16950.08	2006.359	3665.965
#3	2881.967	70554.08	16995.76	2010.692	3656.345

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5098-01 Acquired: 12/6/2024 16:05:31 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0410071	.0014718	.1284644	-.028022	-.000721	89.51540	.3671863
Stddev	.0013509	.0009713	.0002879	.002856	.001912	.02819	.0004858
%RSD	3.294176	65.99429	.2241329	10.19226	265.2137	.0314917	.1323028
#1	.0398995	.0013657	.1283057	-.030460	-.002927	89.51689	.3677451
#2	.0406097	.0024917	.1287968	-.024880	.000459	89.48649	.3669500
#3	.0425121	.0005579	.1282907	-.028726	.000305	89.54282	.3668639

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062853	.0066091	20.40521	.1423034	.0764441	1.099514	169.6166
Stddev	.0000078	.0002468	.11223	.0008991	.0007320	.010800	.7290
%RSD	.1244491	3.734338	.5500023	.6318058	.9575680	.9822286	.4297681
#1	.0062885	.0068103	20.42549	.1426626	.0768206	1.103647	169.5041
#2	.0062909	.0066833	20.50592	.1429674	.0769113	1.107637	170.3952
#3	.0062763	.0063337	20.28423	.1412803	.0756005	1.087258	168.9503

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.283766	34.75509	.1592855	.0005509	1.986836	.2228875	.4428602
Stddev	.019755	.23705	.0013058	.0003745	.006841	.0014155	.0016529
%RSD	.6016078	.6820515	.8198065	67.97541	.3443037	.6350862	.3732260
#1	3.296776	34.82687	.1596044	.0001686	1.991408	.2241872	.4409808
#2	3.293488	34.94796	.1604024	.0005672	1.978972	.2230960	.4435120
#3	3.261033	34.49045	.1578498	.0009170	1.990129	.2213793	.4440878

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.671627	.0725532	.0010955	.0057220	1.194843	3.721503	3.124033
Stddev	.022416	.0006933	.0002815	.0009396	.002812	.017161	.011817
%RSD	.3359941	.9556164	25.69956	16.42111	.2353792	.4611188	.3782451
#1	6.659607	.0717760	.0012853	.0066456	1.195801	3.740850	3.121194
#2	6.657784	.0727752	.0012291	.0057535	1.197052	3.708122	3.137010
#3	6.697490	.0731083	.0007720	.0047671	1.191677	3.715536	3.113894

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5098-01 Acquired: 12/6/2024 16:05:31 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	1.286419	.1810609	-.066442
Stddev	.009302	.0010719	.000859
%RSD	.7230791	.5920155	1.293298
#1	1.295906	.1808529	-.066116
#2	1.286038	.1801082	-.067417
#3	1.277314	.1822216	-.065794

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2645.473	64025.50	15013.15	1809.300	3963.468
Stddev	22.798	92.42	59.70	10.037	31.098
%RSD	.8617616	.1443475	.3976785	.5547558	.7846216
#1	2632.207	64132.21	14980.28	1819.299	3946.303
#2	2632.415	63972.27	14977.11	1809.376	3944.735
#3	2671.797	63972.01	15082.07	1799.225	3999.366

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5100-01 Acquired: 12/6/2024 16:09:38 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0423989**	**-.008881**	**.3739336**	**-.035465**	**-.000573**	**119.2298**	**.5110811**
Stddev	.0013573	.002344	.0014204	.000753	.000890	.1821	.0020378
%RSD	3.201283	26.39202	.3798654	2.123525	155.2002	.1527136	.3987170
#1	.0421225	-.011164	.3729176	-.035044	.000451	119.0237	.5097936
#2	.0412010	-.006480	.3733264	-.035016	-.001156	119.2969	.5134305
#3	.0438731	-.009000	.3755567	-.036335	-.001014	119.3688	.5100193

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0078962**	**.0135178**	**90.60498**	**.1727415**	**.0866135**	**.1699619**	**201.9608**
Stddev	.0001989	.0002097	.27375	.0006403	.0000626	.0023599	.8663
%RSD	2.518571	1.550965	.3021324	.3706879	.0723110	1.388464	.4289325
#1	.0079198	.0133006	90.77660	.1732164	.0866440	.1687998	202.7011
#2	.0076865	.0135338	90.74907	.1729947	.0865414	.1684084	202.1733
#3	.0080821	.0137190	90.28929	.1720132	.0866550	.1726774	201.0081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.636478**	**50.70888**	**.1623657**	**-.001193**	**4.979631**	**.3097306**	**.6320704**
Stddev	.016519	.18381	.0006449	.000264	.021352	.0023935	.0019098
%RSD	.4542666	.3624835	.3971800	22.08468	.4287840	.7727544	.3021506
#1	3.636395	50.89215	.1623259	-.001395	4.992742	.3077539	.6338683
#2	3.653038	50.70996	.1630295	-.000895	4.991158	.3123917	.6300656
#3	3.620000	50.52454	.1617416	-.001290	4.954993	.3090461	.6322774

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.455824**	**.0687989**	**.0022588**	**.0155317**	**2.655596**	**5.512631**	**5.764023**
Stddev	.015662	.0021767	.0002232	.0011498	.006211	.024593	.023525
%RSD	.2426082	3.163799	9.881585	7.403115	.2338772	.4461123	.4081275
#1	6.448702	.0712377	.0021028	.0154576	2.657132	5.534483	5.738287
#2	6.473782	.0681059	.0021592	.0144207	2.660896	5.517410	5.769364
#3	6.444989	.0670532	.0025145	.0167168	2.648762	5.485999	5.784418

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5100-01 Acquired: 12/6/2024 16:09:38 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	1.357278	.0953579	.0179721
Stddev	.004953	.0001887	.0009793
%RSD	.3649587	.1979177	5.448875
#1	1.353039	.0954206	.0168528
#2	1.356070	.0955073	.0183925
#3	1.362723	.0951458	.0186710

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2801.360	66889.03	15773.89	1923.082	3822.568
Stddev	3.373	125.43	31.78	10.279	2.077
%RSD	.1203914	.1875155	.2014813	.5345144	.0543341
#1	2799.044	66774.57	15795.89	1916.170	3821.116
#2	2805.229	66869.40	15737.45	1918.181	3821.640
#3	2799.807	67023.12	15788.33	1934.894	3824.947

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5105-01 Acquired: 12/6/2024 16:13:43 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**1.511848**	**.0225062**	**.5971194**	**-.151098**	**.0158662**	**156.4332**
Stddev	.003021	.0008476	.0026456	.000276	.0011747	.4303
%RSD	.1998128	3.766130	.4430520	.1824867	7.403468	.2750946
#1	1.508370	.0227976	.5972882	-.150926	.0169454	156.4469
#2	1.513360	.0215514	.5996764	-.150952	.0146151	155.9962
#3	1.513815	.0231697	.5943934	-.151416	.0160381	156.8566

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.126220**	**.0311318**	**.0853952**	**190.3259**	**.4556571**	**.4811361**
Stddev	.002456	.0002891	.0009224	.1193	.0003325	.0009713
%RSD	.2180405	.9284716	1.080174	.0626840	.0729805	.2018844
#1	1.123951	.0308003	.0843947	190.4350	.4553481	.4812146
#2	1.128828	.0313307	.0862119	190.1985	.4560090	.4801279
#3	1.125882	.0312646	.0855788	190.3441	.4556141	.4820658

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5985412**	**654.8583**	**10.76360**	**118.4091**	**.4996559**	**-.017597**
Stddev	.0033581	3.2793	.00946	.2888	.0014087	.000719
%RSD	.5610532	.5007684	.0878649	.2439138	.2819381	4.088711
#1	.5948011	657.9058	10.76018	118.2485	.5006313	-.016869
#2	.6012979	651.3882	10.77429	118.2364	.4980409	-.018308
#3	.5995245	655.2811	10.75633	118.7426	.5002956	-.017615

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.127734**	**.5224558**	**1.670848**	**16.30853**	**.1501219**	**.0065950**
Stddev	.001838	.0015267	.005610	.02837	.0060344	.0001239
%RSD	.1629470	.2922198	.3357444	.1739771	4.019634	1.879087
#1	1.129571	.5217964	1.677313	16.33651	.1569478	.0065568
#2	1.127736	.5213696	1.667966	16.30932	.1454972	.0067335
#3	1.125895	.5242014	1.667266	16.27978	.1479207	.0064946

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5105-01 Acquired: 12/6/2024 16:13:43 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0363836	3.249689	2.462031	F 10.43597	1.163072	.0987647
Stddev	.0014614	.007062	.002134	.03155	.010940	.0006340
%RSD	4.016739	.2173098	.0866690	.3023276	.9406491	.6419160
#1	.0358083	3.241692	2.464480	10.42127	1.163941	.0981751
#2	.0380452	3.255070	2.460567	10.41445	1.151722	.0986839
#3	.0352975	3.252304	2.461047	10.47219	1.173551	.0994353

Elem	Sr4077
Units	ppm
Avg	-.280948
Stddev	.004007
%RSD	1.426194
#1	-.284873
#2	-.276864
#3	-.281107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2936.658	72883.78	17194.56	2069.041	3517.950
Stddev	5.547	123.58	22.45	14.619	5.463
%RSD	.1888769	.1695541	.1305884	.7065459	.1552792
#1	2942.974	72744.30	17211.48	2052.290	3524.113
#2	2932.581	72979.60	17203.11	2075.608	3516.032
#3	2934.419	72927.44	17169.08	2079.224	3513.706

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5108-01 Acquired: 12/6/2024 16:17:59 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0232476**	**-.144684**	**.0715845**	**-.151204**	**-.001825**	**397.4076**
Stddev	.0024535	.004630	.0028336	.001477	.001757	2.6719
%RSD	10.55396	3.199892	3.958416	.9768888	96.28363	.6723226
#1	.0259266	-.145910	.0686989	-.151914	-.003383	394.6942
#2	.0227063	-.148577	.0716915	-.149506	.000080	397.4926
#3	.0211099	-.139565	.0743631	-.152193	-.002173	400.0359

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2800928**	**.0123863**	**.0989660**	**308.2720**	**.3027911**	**.5597849**
Stddev	.0003304	.0000490	.0002762	1.0682	.0011193	.0010702
%RSD	.1179790	.3958623	.2790740	.3465097	.3696428	.1911835
#1	.2797714	.0124353	.0987396	307.0582	.3015240	.5590264
#2	.2800754	.0123863	.0988846	309.0689	.3032041	.5593192
#3	.2804316	.0123372	.0992737	308.6890	.3036451	.5610090

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.111464**	**628.0008**	**6.502136**	**327.6811**	**.8785334**	**-.006263**
Stddev	.005522	.7797	.027083	.9096	.0017905	.001059
%RSD	.4967979	.1241536	.4165278	.2775863	.2038032	16.91279
#1	1.110052	627.9221	6.471502	326.6629	.8767384	-.005055
#2	1.117554	627.2634	6.522901	328.4135	.8785427	-.007036
#3	1.106784	628.8168	6.512005	327.9669	.8803193	-.006697

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.305046**	**1.655825**	**.8179886**	**.7307708**	**.5133600**	**-.005041**
Stddev	.018668	.003258	.0004857	.0036873	.0047393	.000479
%RSD	.2247772	.1967719	.0593761	.5045761	.9231915	9.491809
#1	8.321939	1.652370	.8174356	.7266065	.5093181	-.005529
#2	8.285004	1.658842	.8183459	.7320849	.5121859	-.004572
#3	8.308194	1.656263	.8181842	.7336211	.5185759	-.005023

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5108-01 Acquired: 12/6/2024 16:17:59 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**-.028593**	F **34.64821**	**1.594498**	F **10.06334**	**5.372772**	**.2159755**
Stddev	.001877	.07118	.005285	.01217	.023076	.0008119
%RSD	6.564271	.2054280	.3314612	.1209141	.4295007	.3759029
#1	-.026449	34.57695	1.589659	10.07024	5.347910	.2156656
#2	-.029938	34.71931	1.593698	10.04929	5.376902	.2153643
#3	-.029391	34.64836	1.600138	10.07049	5.393505	.2168967

Elem	Sr4077
Units	ppm
Avg	**-.246495**
Stddev	.000471
%RSD	.1908798
#1	-.246858
#2	-.245963
#3	-.246663

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2684.198**	**67414.40**	**16795.77**	**1858.972**	**3159.876**
Stddev	7.646	71.05	34.90	5.074	5.890
%RSD	.2848387	.1053945	.2078125	.2729661	.1864143
#1	2675.377	67362.67	16834.75	1855.363	3155.023
#2	2688.297	67495.41	16785.13	1864.774	3166.429
#3	2688.920	67385.12	16767.42	1856.779	3158.174

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: LR1 Acquired: 12/6/2024 16:25:34 Type: Unk
Method: NON EPA-6010-200.7(v2503) 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	**.0422990**	**-.022119**	**-.013169**	**-.235352**	**-.008285**	**1852.242**	**.0135875**
Stddev	.0120978	.006193	.006950	.007612	.002099	6.231	.0001215
%RSD	28.60062	27.99799	52.77547	3.234438	25.33923	.3364232	.8945169
#1	.0301180	-.029208	-.020690	-.236433	-.008236	1849.245	.0134488
#2	.0424672	-.019390	-.006983	-.227257	-.006211	1848.075	.0136752
#3	.0543117	-.017759	-.011835	-.242366	-.010409	1859.405	.0136385

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0097751**	**.1278610**	**1641.661**	**-.001590**	**.0467936**	**.3264891**	**988.9050**
Stddev	.0000915	.0020134	3.913	.000354	.0008362	.0091202	8.7918
%RSD	.9359202	1.574694	.2383632	22.27388	1.787086	2.793425	.8890433
#1	.0097176	.1256245	1645.931	-.001783	.0459436	.3160220	998.6702
#2	.0097271	.1295292	1640.806	-.001182	.0476154	.3327264	981.6190
#3	.0098806	.1284294	1638.246	-.001807	.0468219	.3307190	986.4259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.109808**	**1693.142**	**.0166376**	**-.043808**	**1831.461**	**.0616388**	**.3326270**
Stddev	.001053	7.956	.0009103	.002414	6.451	.0019591	.0040390
%RSD	.9585076	.4699233	5.471323	5.511252	.3522142	3.178382	1.214270
#1	-.108650	1701.942	.0156093	-.041658	1837.284	.0595432	.3325734
#2	-.110705	1686.455	.0173402	-.046420	1832.571	.0619486	.3366925
#3	-.110070	1691.029	.0169634	-.043345	1824.527	.0634246	.3286151

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1252.030**	**.1173760**	**-.013046**	**.0074727**	**-.036546**	**.1458906**	**.0893452**
Stddev	1.566	.0145757	.001908	.0051191	.000370	.0142223	.0173374
%RSD	.1250966	12.41795	14.62391	68.50448	1.012929	9.748607	19.40491
#1	1252.170	.1341377	-.014503	.0071343	-.036913	.1562973	.0720385
#2	1253.522	.1076779	-.013749	.0025311	-.036553	.1516896	.1067131
#3	1250.399	.1103124	-.010887	.0127526	-.036172	.1296850	.0892841

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: LR1 Acquired: 12/6/2024 16:25:34 Type: Unk
Method: NON EPA-6010-200.7(v2503) 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	**-.217380**	**-.262678**	**-.977592**
Stddev	.014857	.000185	.008765
%RSD	6.834731	.0704112	.8965805
#1	-.226108	-.262891	-.987332
#2	-.200225	-.262559	-.970339
#3	-.225806	-.262584	-.975106

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1450.200**	**36580.06**	**10093.19**	**993.7973**	**2068.371**
Stddev	6.039	35.80	17.61	3.6226	2.542
%RSD	.4164289	.0978789	.1744642	.3645169	.1229194
#1	1452.576	36561.12	10083.45	991.8829	2070.030
#2	1443.334	36557.70	10082.61	991.5336	2065.444
#3	1454.689	36621.35	10113.52	997.9754	2069.639

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: LR2 Acquired: 12/6/2024 16:30:30 Type: Unk
Method: NON EPA-6010-200.7(v2503) 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	.0125600	-.044675	229.6170	.0043546	-.001667	.0795559	^F *****
Stddev	.0012082	.003445	.2150	.0026753	.000617	.0099539	-----
%RSD	9.619022	7.710994	.0936331	61.43619	37.03043	12.51183	-----
#1	.0112964	-.045377	229.3941	.0033837	-.002240	.0806241	^ -----
#2	.0126799	-.040933	229.6339	.0023004	-.001014	.0889326	^ -----
#3	.0137038	-.047714	229.8231	.0073799	-.001747	.0691110	^ -----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002632	-.006935	.3198716	.0131360	-.026987	257.6941	.0117410
Stddev	.000067	.000013	.0093928	.0002355	.000394	.8256	.0100718
%RSD	2.551334	.1812600	2.936418	1.792835	1.460254	.3203631	85.78270
#1	-.002574	-.006938	.3148216	.0128838	-.027014	257.5704	.0130504
#2	-.002706	-.006921	.3307090	.0133502	-.027367	256.9373	.0210941
#3	-.002616	-.006945	.3140841	.0131740	-.026580	258.5745	.0010786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	43.90602	-.068677	46.70814	.0056260	.8705715	-.016959	36.46378
Stddev	.47557	.011462	.01020	.0000794	.0378797	.000759	.21477
%RSD	1.083159	16.68951	.0218395	1.410557	4.351129	4.478033	.5889964
#1	43.60636	-.072496	46.70175	.0055477	.8971401	-.016095	36.43055
#2	43.65733	-.055793	46.70277	.0056239	.8873781	-.017258	36.26756
#3	44.45437	-.077742	46.71991	.0057064	.8271965	-.017523	36.69322

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5992306	-.002953	-.005429	-.006214	-.044222	-.002500	2.083949
Stddev	.0636726	.000609	.000393	.000109	.000328	.001957	.021091
%RSD	10.62572	20.61054	7.231613	1.749133	.7407660	78.31505	1.012084
#1	.6616584	-.003086	-.005792	-.006146	-.043970	-.002364	2.061531
#2	.6016509	-.003483	-.005482	-.006158	-.044103	-.004521	2.103399
#3	.5343823	-.002288	-.005012	-.006340	-.044592	-.000613	2.086917

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: LR2 Acquired: 12/6/2024 16:30:30 Type: Unk
Method: NON EPA-6010-200.7(v2503) 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	-.035326	.0005490	.0019267
Stddev	.003565	.0002936	.0000341
%RSD	10.09046	53.47326	1.771168
#1	-.032135	.0008360	.0018942
#2	-.039173	.0005617	.0019237
#3	-.034671	.0002493	.0019622

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.296	59428.69	13538.52	1642.441	4043.277
Stddev	6.531	103.33	122.90	6.133	6.900
%RSD	.2949293	.1738699	.9077993	.3734232	.1706416
#1	2220.854	59402.45	13622.98	1648.250	4050.061
#2	2214.241	59542.61	13595.06	1643.045	4043.504
#3	2207.794	59341.01	13397.52	1636.028	4036.267

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV05 Acquired: 12/6/2024 16:35:39 Type: Unk
Method: NON EPA-6010-200.7(v2504) 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	**4.808900**	**4.818442**	**4.887056**	**4.845994**	**4.734450**	**9.797142**	**9.512353**
Stddev	.025705	.063305	.036579	.035195	.015147	.037731	.057844
%RSD	.5345266	1.313797	.7484774	.7262679	.3199416	.3851185	.6080925
#1	4.838304	4.891489	4.924535	4.886517	4.748907	9.755965	9.508266
#2	4.797708	4.779573	4.885183	4.828404	4.735747	9.830057	9.572133
#3	4.790690	4.784262	4.851450	4.823062	4.718695	9.805403	9.456662

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2500765**	**2.462236**	**24.45549**	**1.005357**	**2.442693**	**1.232115**	**4.848170**
Stddev	.0012737	.014676	.06171	.001759	.016618	.008554	.012439
%RSD	.5093438	.5960301	.2523502	.1749353	.6803123	.6942589	.2565658
#1	.2500881	2.477492	24.40208	1.004426	2.459593	1.240788	4.835611
#2	.2513445	2.460996	24.52305	1.007385	2.442116	1.231871	4.860485
#3	.2487970	2.448219	24.44134	1.004259	2.426372	1.223685	4.848415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.418867**	**24.48971**	**2.446564**	**1.222560**	**25.31137**	**2.468717**	**2.384496**
Stddev	.004770	.18759	.013225	.003271	.34814	.006895	.010459
%RSD	.1971916	.7659860	.5405641	.2675748	1.375430	.2792796	.4386280
#1	2.417869	24.27672	2.459890	1.224588	25.69706	2.462616	2.385589
#2	2.424057	24.63035	2.446360	1.224306	25.21668	2.476197	2.394366
#3	2.414675	24.56206	2.433441	1.218786	25.02037	2.467339	2.373534

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.23568**	**4.909185**	**4.921135**	**4.878396**	**4.826850**	**5.012539**	**4.885792**
Stddev	.03630	.016720	.026047	.034374	.009375	.011366	.042655
%RSD	.1562084	.3405810	.5292864	.7046128	.1942216	.2267589	.8730426
#1	23.25815	4.912814	4.948260	4.915669	4.822064	5.006105	4.934246
#2	23.19381	4.923792	4.918823	4.871573	4.837652	5.005850	4.869217
#3	23.25509	4.890949	4.896321	4.847945	4.820836	5.025663	4.853912

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV05 Acquired: 12/6/2024 16:35:39 Type: Unk
Method: NON EPA-6010-200.7(v2504) 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	**4.787840**	**4.646205**	**4.873138**
Stddev	.039982	.008017	.021356
%RSD	.8350730	.1725435	.4382413
#1	4.834001	4.652411	4.895247
#2	4.764134	4.649052	4.852625
#3	4.765384	4.637154	4.871541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2492.839**	**58609.91**	**13423.11**	**1703.552**	**3969.966**
Stddev	10.197	82.28	47.90	6.392	20.305
%RSD	.4090674	.1403833	.3568630	.3752196	.5114666
#1	2483.904	58576.88	13427.59	1700.832	3951.279
#2	2490.666	58549.29	13373.13	1698.969	3967.045
#3	2503.948	58703.58	13468.62	1710.854	3991.573

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB05 Acquired: 12/6/2024 16:39:38 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0002278	-.001088	.0012933	-.001448	.0015053	.0053150	-.001748
Stddev	.0023241	.000840	.0006449	.001602	.0005789	.0041972	.000201
%RSD	1020.380	77.23345	49.86318	110.6189	38.45877	78.96862	11.52205
#1	.0013032	-.002040	.0009706	.000174	.0013492	.0082491	-.001597
#2	.0018194	-.000448	.0020358	-.001490	.0010205	.0071887	-.001976
#3	-.002439	-.000776	.0008735	-.003029	.0021464	.0005073	-.001670

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000604	.0001375	-.000749	.0000783	.0001134	.0011229	.0062265
Stddev	.0000276	.0000131	.001759	.0001389	.0001045	.0001091	.0035234
%RSD	45.68302	9.548612	234.8703	177.4254	92.21055	9.713310	56.58728
#1	.0000842	.0001377	.000107	.0002251	-.000006	.0012451	.0092746
#2	.0000667	.0001242	-.002772	.0000607	.000155	.0010881	.0023687
#3	.0000302	.0001504	.000418	-.000051	.000190	.0010354	.0070361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002440	.0102519	.0006829	.0008120	.3298239	-.000263	-.000908
Stddev	.0002671	.0086737	.0001784	.0001483	.0150712	.001231	.000130
%RSD	109.4469	84.60548	26.12771	18.26615	4.569464	468.7302	14.33674
#1	-.000015	.0199092	.0006433	.0007142	.3124218	.001147	-.000903
#2	.000518	.0031243	.0008779	.0009827	.3386495	-.001123	-.000780
#3	.000229	.0077222	.0005277	.0007392	.3384004	-.000811	-.001041

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2121548	.0016860	.0007072	-.000219	.0002771	.0012241	-.002026
Stddev	.0119418	.0002943	.0001944	.000126	.0001863	.0030603	.002004
%RSD	5.628828	17.45773	27.48925	57.56886	67.23119	250.0007	98.92227
#1	.1984799	.0019275	.0009187	-.000126	.0001158	-.000428	.000017
#2	.2174581	.0013581	.0006663	-.000363	.0002346	-.000655	-.003989
#3	.2205266	.0017724	.0005365	-.000169	.0004810	.004755	-.002106

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB05 Acquired: 12/6/2024 16:39:38 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**-.002062**	**.0014000**	**.0000800**
Stddev	.001851	.0004204	.0000330
%RSD	89.77912	30.02815	41.23153
#1	-.000657	.0010092	.0001169
#2	-.001370	.0018448	.0000532
#3	-.004160	.0013462	.0000700

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2671.607**	**62564.33**	**13676.24**	**1831.786**	**4598.440**
Stddev	1.619	25.64	23.16	5.916	5.044
%RSD	.0605968	.0409792	.1693747	.3229712	.1096881
#1	2670.015	62547.43	13656.68	1830.095	4593.162
#2	2673.252	62551.74	13701.82	1838.364	4598.948
#3	2671.555	62593.83	13670.22	1826.900	4603.211

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P4997-07DLX5 Acquired: 12/6/2024 16:43:58 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0284195**	**-.011829**	**.0112602**	**.0030561**	**-.002431**	**294.5153**
Stddev	.0020950	.004034	.0010005	.0016100	.001149	.4716
%RSD	7.371763	34.10425	8.885114	52.68198	47.27144	.1601127
#1	.0260176	-.010353	.0104632	.0044375	-.002351	294.9559
#2	.0293712	-.016393	.0109343	.0034429	-.001324	294.5720
#3	.0298698	-.008740	.0123829	.0012879	-.003619	294.0179

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2222549**	**-.000065**	**.0007009**	**14.17993**	**.0090361**	**.0036322**
Stddev	.0006376	.000008	.0000826	.05487	.0000226	.0002841
%RSD	.2868664	12.44389	11.78004	.3869202	.2503538	7.822425
#1	.2229847	-.000074	.0006481	14.11679	.0090239	.0035536
#2	.2219739	-.000058	.0006585	14.21598	.0090622	.0033957
#3	.2218060	-.000063	.0007960	14.20703	.0090222	.0039474

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2541343**	**14.17633**	**9.055588**	**3.404317**	**.0090956**	**.0015619**
Stddev	.0005386	.05469	.012366	.015424	.0003730	.0001903
%RSD	.2119211	.3857549	.1365597	.4530604	4.101411	12.18403
#1	.2537111	14.12069	9.041389	3.386546	.0094060	.0014059
#2	.2539513	14.17827	9.063994	3.412192	.0086818	.0015059
#3	.2547405	14.23001	9.061381	3.414214	.0091991	.0017739

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.89646**	**.0146606**	**.0525818**	**1.201253**	**.0112907**	**.0009389**
Stddev	.05206	.0006964	.0000960	.025409	.0002572	.0003694
%RSD	.4777429	4.750283	.1825340	2.115173	2.277843	39.34453
#1	10.95175	.0154505	.0525294	1.209507	.0113892	.0011291
#2	10.84838	.0141352	.0526925	1.172743	.0109988	.0005131
#3	10.88924	.0143961	.0525234	1.221508	.0114841	.0011744

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P4997-07DLX5 Acquired: 12/6/2024 16:43:58 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0001659	.0722371	8.189712	5.394280	F 12.00496	-.000192
Stddev	.0002432	.0001373	.066407	.025286	.05555	.000501
%RSD	146.5932	.1900369	.8108529	.4687620	.4627369	261.6469
#1	-.000088	.0721887	8.174247	5.418510	12.05080	-.000467
#2	.000397	.0721305	8.132403	5.396275	12.02090	-.000495
#3	.000189	.0723920	8.262487	5.368055	11.94318	.000387

Elem	Sr4077
Units	ppm
Avg	.0403748
Stddev	.0001417
%RSD	.3509247
#1	.0404942
#2	.0402183
#3	.0404120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2535.803	59451.15	13935.08	1751.987	3941.414
Stddev	2.420	137.22	12.11	4.807	2.521
%RSD	.0954457	.2308116	.0868724	.2743901	.0639699
#1	2537.183	59448.16	13930.26	1754.583	3941.213
#2	2537.217	59589.85	13926.12	1754.937	3944.030
#3	2533.008	59315.45	13948.85	1746.439	3939.000

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5051-07DLX5 Acquired: 12/6/2024 16:48:19 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0267984**	**-.013294**	**.0112955**	**.0040464**	**-.002927**	**303.6090**
Stddev	.0025633	.003440	.0003948	.0009325	.000401	.5036
%RSD	9.565062	25.87857	3.494749	23.04406	13.70215	.1658612
#1	.0253404	-.009344	.0117239	.0041615	-.002678	303.4638
#2	.0252967	-.015635	.0112163	.0030617	-.003390	304.1692
#3	.0297581	-.014903	.0109464	.0049160	-.002713	303.1940

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2333589**	**-.000134**	**.0007805**	**14.86402**	**.0084238**	**.0033814**
Stddev	.0012210	.000036	.0000902	.01740	.0000247	.0001662
%RSD	.5232395	27.01707	11.55847	.1170600	.2927759	4.913683
#1	.2320252	-.000173	.0008805	14.87967	.0083954	.0035001
#2	.2336296	-.000101	.0007051	14.86709	.0084396	.0034526
#3	.2344218	-.000129	.0007560	14.84528	.0084365	.0031915

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2244941**	**13.31050**	**9.380927**	**3.599760**	**.0094994**	**.0012376**
Stddev	.0003591	.03818	.020453	.013757	.0002052	.0002486
%RSD	.1599371	.2868358	.2180261	.3821703	2.159797	20.08712
#1	.2242083	13.29511	9.367907	3.586555	.0095968	.0009510
#2	.2248971	13.28242	9.370373	3.614010	.0096378	.0013675
#3	.2243770	13.35397	9.404501	3.598716	.0092637	.0013944

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.25434**	**.0138807**	**.0476065**	**1.241447**	**.0116785**	**.0006696**
Stddev	.04622	.0003599	.0001630	.026928	.0004358	.0001091
%RSD	.3771648	2.593128	.3422811	2.169049	3.731988	16.28935
#1	12.24514	.0140289	.0476565	1.223899	.0113602	.0005890
#2	12.21340	.0134703	.0474245	1.227992	.0121752	.0006261
#3	12.30446	.0141428	.0477387	1.272450	.0115000	.0007937

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5051-07DLX5 Acquired: 12/6/2024 16:48:19 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.001049	.0685058	8.697867	5.349038	F 12.50973	-.000818
Stddev	.000772	.0002846	.035268	.010338	.02465	.000086
%RSD	73.54862	.4155031	.4054808	.1932612	.1970100	10.56000
#1	-.001648	.0682353	8.661382	5.337188	12.48528	-.000891
#2	-.001322	.0688028	8.700441	5.356210	12.53457	-.000723
#3	-.000178	.0684794	8.731778	5.353716	12.50934	-.000840

Elem	Sr4077
Units	ppm
Avg	.0432229
Stddev	.0002379
%RSD	.5504438
#1	.0429912
#2	.0432108
#3	.0434666

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.668	59252.60	13933.80	1757.494	3929.258
Stddev	2.651	58.21	20.65	3.771	5.096
%RSD	.1052419	.0982375	.1481947	.2145568	.1296930
#1	2515.780	59262.34	13911.09	1761.091	3923.804
#2	2520.989	59305.32	13938.88	1757.820	3930.070
#3	2519.234	59190.13	13951.44	1753.571	3933.898

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07DLX5 Acquired: 12/6/2024 16:52:40 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0311929**	**-.015769**	**.0125213**	**.0030393**	**-.003643**	**354.3691**
Stddev	.0011462	.003236	.0019855	.0042228	.001326	.8227
%RSD	3.674584	20.51774	15.85708	138.9373	36.40982	.2321482
#1	.0324061	-.015198	.0117715	-.001164	-.002973	354.3764
#2	.0301282	-.012858	.0110199	.007281	-.002785	353.5428
#3	.0310443	-.019253	.0147726	.003001	-.005170	355.1880

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2578532**	**-.000165**	**.0008877**	**15.65939**	**.0088917**	**.0033490**
Stddev	.0014690	.000056	.0003190	.03469	.0005729	.0001123
%RSD	.5697079	34.22473	35.93437	.2215120	6.443611	3.353111
#1	.2565331	-.000107	.0012479	15.62142	.0082600	.0032565
#2	.2594358	-.000168	.0007744	15.68942	.0093780	.0034739
#3	.2575907	-.000220	.0006408	15.66732	.0090370	.0033165

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2558729**	**14.12898**	**10.36935**	**3.504942**	**.0107667**	**.0017673**
Stddev	.0001968	.06186	.04847	.012561	.0001121	.0002760
%RSD	.0768927	.4378573	.4673958	.3583759	1.040932	15.61507
#1	.2560933	14.05765	10.31506	3.490665	.0107865	.0020832
#2	.2558105	14.16120	10.40826	3.509866	.0106461	.0015728
#3	.2557150	14.16808	10.38473	3.514295	.0108677	.0016460

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.73892**	**.0146416**	**.0529799**	**1.223763**	**.0114920**	**.0006788**
Stddev	.07961	.0004885	.0004123	.018387	.0008115	.0003127
%RSD	.6782137	3.336253	.7782186	1.502465	7.061861	46.06272
#1	11.69023	.0144936	.0525072	1.215780	.0105572	.0005159
#2	11.83079	.0151870	.0531675	1.210716	.0120165	.0010393
#3	11.69572	.0142443	.0532651	1.244791	.0119023	.0004812

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07DLX5 Acquired: 12/6/2024 16:52:40 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0008400	.0499521	9.708939	5.841091	F 13.64739	-.001252
Stddev	.0010443	.0002848	.024218	.019768	.04900	.000284
%RSD	124.3234	.5701597	.2494417	.3384298	.3590591	22.68021
#1	-.000333	.0496237	9.692128	5.862381	13.69556	-.001440
#2	.001186	.0501012	9.697992	5.837575	13.64901	-.001391
#3	.001667	.0501313	9.736699	5.823317	13.59759	-.000925

Elem	Sr4077
Units	ppm
Avg	.0466785
Stddev	.0003172
%RSD	.6795794
#1	.0463930
#2	.0470200
#3	.0466225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.022	57938.00	13622.41	1718.416	3824.132
Stddev	3.251	43.76	14.46	.710	1.941
%RSD	.1311008	.0755312	.1061349	.0412905	.0507672
#1	2477.160	57980.68	13638.95	1717.619	3824.061
#2	2479.349	57940.09	13612.20	1718.979	3822.227
#3	2483.557	57893.23	13616.07	1718.651	3826.108

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07DUPDLX5 Acquired: 12/6/2024 16:57:02 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0313609**	**-.013818**	**.0113473**	**.0040585**	**-.002722**	**367.2116**
Stddev	.0012044	.003492	.0015156	.0009857	.001376	2.0785
%RSD	3.840295	25.27179	13.35626	24.28686	50.53081	.5660093
#1	.0325753	-.009831	.0101759	.0051866	-.003613	367.5081
#2	.0313406	-.016333	.0130590	.0036254	-.001138	369.1258
#3	.0301668	-.015289	.0108069	.0033635	-.003416	365.0008

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2694211**	**-.000152**	**.0007841**	**16.16872**	**.0093863**	**.0036332**
Stddev	.0014338	.000040	.0000809	.12955	.0001456	.0000729
%RSD	.5321657	26.11920	10.32302	.8012486	1.551125	2.007625
#1	.2697015	-.000192	.0007137	16.17304	.0092185	.0036730
#2	.2706940	-.000153	.0008726	16.29606	.0094792	.0036775
#3	.2678679	-.000112	.0007660	16.03707	.0094612	.0035490

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2661596**	**14.73696**	**10.79212**	**3.608128**	**.0110264**	**.0015554**
Stddev	.0004704	.10545	.07479	.035333	.0004674	.0000476
%RSD	.1767435	.7155390	.6930371	.9792746	4.238566	3.062119
#1	.2657840	14.61803	10.77245	3.593930	.0104868	.0015557
#2	.2666872	14.77380	10.87478	3.648352	.0112891	.0015076
#3	.2660076	14.81905	10.72913	3.582101	.0113032	.0016029

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.32072**	**.0148656**	**.0560208**	**1.260906**	**.0124253**	**.0008272**
Stddev	.01145	.0015213	.0004552	.005949	.0006107	.0004855
%RSD	.0929649	10.23361	.8125300	.4718400	4.915089	58.68950
#1	12.33390	.0163153	.0555027	1.256172	.0122667	.0013437
#2	12.31507	.0132817	.0562036	1.258962	.0119095	.0003804
#3	12.31319	.0149999	.0563562	1.267585	.0130996	.0007574

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07DUPDLX5 Acquired: 12/6/2024 16:57:02 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.000603	.0522932	F 10.09215	6.085883	F 14.22582	-.001526
Stddev	.001108	.0005608	.11682	.024908	.04142	.000274
%RSD	183.6724	1.072439	1.157489	.4092791	.2911888	17.93716
#1	-.000378	.0529082	10.04794	6.058179	14.21010	-.001841
#2	-.001807	.0521613	10.00390	6.093042	14.19457	-.001383
#3	.000375	.0518101	10.22462	6.106427	14.27281	-.001353

Elem	Sr4077
Units	ppm
Avg	.0486256
Stddev	.0003544
%RSD	.7287309
#1	.0488118
#2	.0488480
#3	.0482169

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.375	57550.87	13591.45	1706.866	3774.327
Stddev	1.998	267.10	93.69	6.553	1.348
%RSD	.0815680	.4641171	.6893414	.3839308	.0357034
#1	2447.250	57710.30	13561.18	1711.758	3775.012
#2	2449.660	57699.81	13516.64	1709.419	3775.194
#3	2451.215	57242.50	13696.54	1699.420	3772.774

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07LDLX25 Acquired: 12/6/2024 17:01:23 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0061236**	**-.003280**	**.0027829**	**.0006179**	**-.000276**	**71.88705**	**.0511384**
Stddev	.0014651	.001042	.0008507	.0021410	.000425	.35270	.0004712
%RSD	23.92547	31.77372	30.56725	346.4693	153.7231	.4906348	.9213616
#1	.0078107	-.002976	.0020764	.0013851	-.000634	71.48595	.0506129
#2	.0051725	-.004441	.0025451	-.001801	-.000388	72.14871	.0512791
#3	.0053874	-.002424	.0037272	.002270	.000193	72.02650	.0515232

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000015**	**.0001799**	**3.201961**	**.0016945**	**.0008070**	**.0546722**	**2.837342**
Stddev	.000040	.0000420	.033302	.0001385	.0000552	.0001872	.021326
%RSD	261.5627	23.31929	1.040065	8.174095	6.840578	.3423105	.7516221
#1	-.000007	.0002282	3.165476	.0015345	.0008669	.0546729	2.823143
#2	-.000058	.0001527	3.209684	.0017739	.0007582	.0544847	2.827018
#3	.000020	.0001589	3.230723	.0017750	.0007958	.0548590	2.861866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.149676**	**.7249424**	**.0023615**	**.0007217**	**2.418831**	**.0031987**	**.0098450**
Stddev	.017854	.0059982	.0001445	.0001678	.008398	.0011654	.0001519
%RSD	.8305379	.8274029	6.119991	23.24570	.3471925	36.43316	1.542939
#1	2.130885	.7180747	.0022472	.0008771	2.428301	.0020729	.0097416
#2	2.151728	.7275989	.0023133	.0007442	2.412287	.0044000	.0097741
#3	2.166416	.7291537	.0025239	.0005439	2.415906	.0031232	.0100194

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2329840**	**-.000070**	**.0002125**	**-.000431**	**.0103921**	**1.912902**	**1.118905**
Stddev	.0039765	.000230	.0000833	.000531	.0002403	.010994	.003475
%RSD	1.706773	330.6339	39.21359	123.1026	2.312355	.5747392	.3105366
#1	.2313558	-.000192	.0002388	.000176	.0101160	1.900337	1.114899
#2	.2375161	-.000213	.0002794	-.000662	.0105057	1.920757	1.121101
#3	.2300799	.000196	.0001192	-.000808	.0105545	1.917611	1.120716

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07LDLX25 Acquired: 12/6/2024 17:01:23 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	2.626147	-.001117	.0098215
Stddev	.010176	.000463	.0000783
%RSD	.3875021	41.42741	.7970668
#1	2.620628	-.000722	.0097485
#2	2.637891	-.001004	.0099042
#3	2.619923	-.001626	.0098118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2565.829	60634.82	13793.09	1796.841	4194.219
Stddev	1.156	96.26	68.63	7.914	4.627
%RSD	.0450469	.1587607	.4975666	.4404595	.1103148
#1	2564.964	60536.78	13871.43	1792.654	4190.977
#2	2567.142	60729.20	13743.58	1805.970	4192.163
#3	2565.381	60638.47	13764.27	1791.900	4199.518

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07MSDLX5 Acquired: 12/6/2024 17:05:40 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.1846994**	**.3566106**	**.2009735**	**.3887596**	**.1094116**	**366.3757**
Stddev	.0028779	.0050479	.0010024	.0015641	.0003294	2.4470
%RSD	1.558152	1.415515	.4987755	.4023402	.3010703	.6678807
#1	.1818716	.3531546	.1998976	.3904645	.1091910	367.8247
#2	.1846018	.3542739	.2018811	.3873908	.1092537	363.5505
#3	.1876249	.3624035	.2011417	.3884237	.1097903	367.7519

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3031764**	**.0397485**	**.0404283**	**16.26261**	**.0883990**	**.0432724**
Stddev	.0015407	.0003453	.0001390	.10286	.0005039	.0002883
%RSD	.5081910	.8687755	.3437392	.6324806	.5699792	.6662757
#1	.3026145	.0394869	.0403276	16.24201	.0884683	.0429940
#2	.3019955	.0396186	.0405868	16.17161	.0878641	.0432533
#3	.3049192	.0401399	.0403705	16.37420	.0888647	.0435697

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3179637**	**15.00622**	**10.63326**	**3.982199**	**.1089075**	**.0166738**
Stddev	.0003278	.10152	.07824	.036636	.0002692	.0001278
%RSD	.1030780	.6765319	.7358358	.9199963	.2472027	.7667996
#1	.3176408	14.93188	10.60748	3.952380	.1086072	.0165264
#2	.3179543	14.96488	10.57116	3.971121	.1089882	.0167405
#3	.3182961	15.12188	10.72114	4.023095	.1091272	.0167545

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.60975**	**.0729381**	**.0957543**	**3.193057**	**.0664645**	**.0632217**
Stddev	.04543	.0014010	.0001455	.027631	.0003497	.0001954
%RSD	.3602975	1.920815	.1519503	.8653531	.5262117	.3090806
#1	12.66214	.0738387	.0956832	3.193734	.0664505	.0632971
#2	12.58591	.0736517	.0956580	3.165094	.0661219	.0633682
#3	12.58120	.0713240	.0959217	3.220344	.0668210	.0629998

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07MSDLX5 Acquired: 12/6/2024 17:05:40 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0931055	.0830171	F 10.14714	7.170334	F 13.93935	.0384373
Stddev	.0006997	.0008079	.04016	.030682	.03717	.0010670
%RSD	.7514735	.9731151	.3958109	.4279083	.2666241	2.775963
#1	.0937399	.0823956	10.10155	7.159911	13.93948	.0392611
#2	.0932216	.0827255	10.17729	7.146221	13.90212	.0388189
#3	.0923551	.0839303	10.16259	7.204870	13.97645	.0372320

Elem	Sr4077
Units	ppm
Avg	.0879951
Stddev	.0004538
%RSD	.5156916
#1	.0880613
#2	.0875119
#3	.0884122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2474.224	58364.63	13736.33	1705.575	3835.650
Stddev	4.348	127.29	60.59	2.387	1.744
%RSD	.1757468	.2180955	.4410947	.1399340	.0454613
#1	2477.153	58261.28	13722.45	1705.502	3835.823
#2	2469.228	58506.82	13802.65	1703.226	3837.301
#3	2476.291	58325.79	13683.88	1707.998	3833.826

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07MSDDLX5 Acquired: 12/6/2024 17:09:58 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.1815168**	**.3604473**	**.2032777**	**.3841036**	**.1081729**	**367.5062**
Stddev	.0023043	.0030465	.0006184	.0045856	.0010438	.5578
%RSD	1.269476	.8452086	.3042259	1.193834	.9649779	.1517662
#1	.1795112	.3575310	.2025956	.3832796	.1078665	367.8317
#2	.1840339	.3602017	.2034359	.3890453	.1093356	367.8247
#3	.1810054	.3636092	.2038017	.3799859	.1073165	366.8621

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3019224**	**.0407944**	**.0411690**	**16.47705**	**.0904131**	**.0439726**
Stddev	.0013878	.0002639	.0000342	.03302	.0005505	.0001624
%RSD	.4596399	.6468489	.0830205	.2004242	.6089099	.3694317
#1	.3016168	.0406040	.0412082	16.47941	.0905157	.0437954
#2	.3034375	.0410956	.0411457	16.44291	.0909052	.0441146
#3	.3007129	.0406836	.0411531	16.50883	.0898185	.0440077

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3179077**	**15.00731**	**10.71570**	**4.049003**	**.1108155**	**.0163765**
Stddev	.0010123	.04261	.01113	.008365	.0002399	.0002768
%RSD	.3184331	.2839320	.1038942	.2065852	.2165161	1.690433
#1	.3181155	15.02356	10.71368	4.042912	.1108582	.0165396
#2	.3168077	14.95897	10.70572	4.045556	.1105570	.0165329
#3	.3188001	15.03941	10.72771	4.058540	.1110311	.0160568

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.37437**	**.0742120**	**.0962241**	**3.128559**	**.0683143**	**.0632817**
Stddev	.07389	.0011538	.0003954	.007107	.0010799	.0000955
%RSD	.5971485	1.554701	.4109486	.2271672	1.580783	.1509472
#1	12.44120	.0741228	.0957676	3.123189	.0672565	.0631722
#2	12.38690	.0754078	.0964419	3.125869	.0694150	.0633257
#3	12.29501	.0731054	.0964627	3.136618	.0682714	.0633474

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07MSDDLX5 Acquired: 12/6/2024 17:09:58 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0963989	.0836229	F 10.13086	7.333606	F 14.18595	.0379695
Stddev	.0010689	.0004959	.02482	.041409	.03921	.0002259
%RSD	1.108868	.5930442	.2449709	.5646469	.2764008	.5950717
#1	.0974692	.0838285	10.10226	7.301239	14.15433	.0380432
#2	.0953314	.0839830	10.14679	7.319311	14.17370	.0381495
#3	.0963961	.0830572	10.14352	7.380269	14.22982	.0377160

Elem	Sr4077
Units	ppm
Avg	.0875700
Stddev	.0003735
%RSD	.4265560
#1	.0875950
#2	.0879304
#3	.0871846

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.445	58681.61	13674.62	1736.599	3895.765
Stddev	5.806	25.35	7.44	10.081	7.809
%RSD	.2274578	.0431943	.0543984	.5805176	.2004500
#1	2547.038	58654.43	13675.11	1724.960	3890.756
#2	2558.581	58704.61	13666.94	1742.598	3904.763
#3	2551.716	58685.79	13681.79	1742.239	3891.775

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07ADLX5 Acquired: 12/6/2024 17:14:16 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.1817518**	**.3572662**	**.2006852**	**.3792209**	**.1059194**	**359.7719**
Stddev	.0024879	.0084864	.0022430	.0026914	.0033355	1.3798
%RSD	1.368863	2.375385	1.117649	.7097248	3.149058	.3835304
#1	.1820349	.3488210	.1989211	.3762772	.1045036	360.0350
#2	.1840860	.3571842	.1999249	.3798300	.1035253	358.2794
#3	.1791344	.3657933	.2032094	.3815556	.1097292	361.0012

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3036537**	**.0409109**	**.0409574**	**16.46147**	**.0882630**	**.0438303**
Stddev	.0015068	.0001003	.0005655	.04869	.0005896	.0004351
%RSD	.4962148	.2451476	1.380818	.2957929	.6680046	.9926343
#1	.3053930	.0407979	.0406209	16.41190	.0876679	.0434283
#2	.3028226	.0409455	.0406410	16.46328	.0888470	.0437704
#3	.3027455	.0409894	.0416103	16.50924	.0882741	.0442922

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3150541**	**14.96523**	**10.81871**	**4.028165**	**.1098298**	**.0161803**
Stddev	.0039686	.01701	.02715	.018991	.0015141	.0004801
%RSD	1.259645	.1136725	.2509868	.4714623	1.378560	2.967099
#1	.3122831	14.98483	10.83905	4.006545	.1089494	.0158907
#2	.3132789	14.95439	10.78787	4.035797	.1089620	.0159158
#3	.3196004	14.95646	10.82920	4.042153	.1115781	.0167345

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.28694**	**.0733537**	**.0946289**	**3.025315**	**.0681767**	**.0619446**
Stddev	.08991	.0012474	.0004403	.003228	.0007497	.0013018
%RSD	.7317827	1.700506	.4652979	.1066860	1.099631	2.101514
#1	12.39063	.0738614	.0947558	3.025702	.0689693	.0610486
#2	12.23054	.0742672	.0949918	3.021912	.0674789	.0613474
#3	12.23965	.0719326	.0941391	3.028333	.0680819	.0634378

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5068-07ADLX5 Acquired: 12/6/2024 17:14:16 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0978458	.0838979	9.955646	7.351416	F 14.08296	.0365314
Stddev	.0003658	.0002943	.021631	.104063	.17844	.0004748
%RSD	.3738125	.3507973	.2172723	1.415556	1.267073	1.299676
#1	.0981387	.0835953	9.930687	7.281660	13.95307	.0369904
#2	.0979629	.0839152	9.968968	7.301560	14.00938	.0360422
#3	.0974359	.0841832	9.967281	7.471027	14.28642	.0365616

Elem	Sr4077
Units	ppm
Avg	.0871206
Stddev	.0003580
%RSD	.4109758
#1	.0875244
#2	.0869956
#3	.0868419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.460	59809.87	13692.00	1817.415	3922.258
Stddev	21.593	22.33	23.41	4.642	37.560
%RSD	.8390743	.0373347	.1709543	.2554012	.9576204
#1	2585.750	59803.31	13677.40	1812.161	3944.198
#2	2586.104	59791.56	13719.00	1819.125	3943.688
#3	2548.527	59834.75	13679.60	1820.960	3878.888

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5069-01DLX5 Acquired: 12/6/2024 17:18:34 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0535769**	**.0232369**	**1.186723**	**-.084973**	**.0196947**	**112.8544**
Stddev	.0030465	.0016144	.001650	.004869	.0015150	.1114
%RSD	5.686204	6.947707	.1390429	5.729671	7.692555	.0987442
#1	.0562548	.0222332	1.188466	-.087140	.0195364	112.7408
#2	.0502624	.0250992	1.185185	-.079397	.0182651	112.8590
#3	.0542134	.0223783	1.186519	-.088383	.0212827	112.9635

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7156373**	**.0068697**	**.0244606**	**97.85033**	**.4632160**	**.0856012**
Stddev	.0018293	.0001635	.0002913	.10140	.0011726	.0003759
%RSD	.2556129	2.379968	1.190784	.1036265	.2531490	.4391196
#1	.7171638	.0070134	.0247058	97.95255	.4644890	.0857498
#2	.7161384	.0069037	.0241386	97.84866	.4629789	.0858800
#3	.7136097	.0066918	.0245373	97.74978	.4621800	.0851737

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.035713**	**430.5567**	**7.959865**	**102.6429**	**.2165228**	**-.004264**
Stddev	.006676	1.4783	.018262	.0366	.0005569	.000592
%RSD	.1654316	.3433436	.2294248	.0356552	.2571812	13.88276
#1	4.038783	429.1284	7.971471	102.6195	.2171604	-.004946
#2	4.028054	432.0803	7.969309	102.6240	.2161319	-.003889
#3	4.040302	430.4615	7.938815	102.6850	.2162761	-.003956

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.894423**	**.2317209**	**14.08915**	**4.632091**	**.1459807**	**.0172073**
Stddev	.023881	.0010566	.03987	.021084	.0024328	.0002912
%RSD	.2684970	.4559750	.2829814	.4551686	1.666514	1.692500
#1	8.912681	.2328984	14.13264	4.608051	.1449488	.0173849
#2	8.903191	.2308555	14.08048	4.640781	.1487594	.0168712
#3	8.867397	.2314087	14.05433	4.647441	.1442340	.0173658

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5069-01DLX5 Acquired: 12/6/2024 17:18:34 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0913048	1.668897	7.603714	5.234623	F 21.65322	.0547055
Stddev	.0008497	.002782	.005749	.007562	.01455	.0002670
%RSD	.9305849	.1667118	.0756028	.1444628	.0671873	.4879718
#1	.0916832	1.672086	7.609914	5.242438	21.66956	.0549820
#2	.0903316	1.667645	7.602668	5.227342	21.64167	.0544493
#3	.0918995	1.666961	7.598560	5.234089	21.64844	.0546854

Elem	Sr4077
Units	ppm
Avg	.0552685
Stddev	.0018199
%RSD	3.292774
#1	.0573500
#2	.0539777
#3	.0544779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.657	58971.83	13895.27	1670.990	3614.450
Stddev	2.405	122.82	49.21	8.810	2.497
%RSD	.0997348	.2082681	.3541577	.5272460	.0690850
#1	2411.734	58838.11	13840.33	1664.029	3616.045
#2	2414.023	58997.78	13910.20	1668.046	3615.733
#3	2409.214	59079.60	13935.29	1680.896	3611.573

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-01 Acquired: 12/6/2024 17:22:47 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0072985	.0029974	.0481344	-.004799	.0019549	2.997321	.0703239
Stddev	.0012833	.0017004	.0007228	.002650	.0013428	.006939	.0003361
%RSD	17.58359	56.72860	1.501548	55.22098	68.68900	.2315228	.4779096
#1	.0064016	.0039563	.0481504	-.006681	.0030501	3.004819	.0704060
#2	.0067253	.0010341	.0488490	-.005949	.0004568	2.991124	.0706114
#3	.0087685	.0040017	.0474038	-.001768	.0023579	2.996020	.0699545

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003575	.0006442	81.54811	.0111399	.0032060	.0320635	10.50906
Stddev	.0000279	.0000625	.08828	.0004002	.0000639	.0002193	.02588
%RSD	7.815339	9.696215	.1082544	3.592332	1.992588	.6839153	.2462777
#1	.0003468	.0007154	81.64891	.0113930	.0031767	.0318106	10.53330
#2	.0003892	.0005986	81.51086	.0106786	.0032793	.0321784	10.48181
#3	.0003364	.0006187	81.48457	.0113482	.0031621	.0322014	10.51208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3680804	8.021411	.0097818	.0008750	23.17245	.0095940	.4713514
Stddev	.0003643	.031413	.0000962	.0001371	.06634	.0010314	.0024195
%RSD	.0989730	.3916091	.9833982	15.67012	.2862732	10.75072	.5133086
#1	.3680903	8.014936	.0096928	.0009106	23.20245	.0086172	.4688549
#2	.3677112	8.055557	.0097686	.0007236	23.09641	.0094922	.4715136
#3	.3684396	7.993741	.0098839	.0009908	23.21848	.0106725	.4736857

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.230866	.0456405	.0023834	-.001946	.1397083	8.996992	1.967896
Stddev	.004258	.0001320	.0003847	.000521	.0050754	.046185	.008010
%RSD	.0588866	.2892691	16.14093	26.76197	3.632856	.5133404	.4070442
#1	7.235731	.0454890	.0019550	-.002347	.1451758	9.050318	1.977145
#2	7.227817	.0457016	.0024957	-.001357	.1388017	8.970936	1.963369
#3	7.229049	.0457309	.0026994	-.002132	.1351472	8.969723	1.963174

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-01 Acquired: 12/6/2024 17:22:47 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	3.812659	-.004150	.2390047
Stddev	.004484	.000494	.0011710
%RSD	.1176211	11.91200	.4899449
#1	3.817754	-.004709	.2380921
#2	3.810914	-.003769	.2385969
#3	3.809310	-.003973	.2403250

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.942	60003.07	14183.53	1727.833	4078.462
Stddev	14.773	30.15	39.76	2.232	20.099
%RSD	.5993322	.0502536	.2803014	.1291700	.4928052
#1	2477.773	60008.99	14227.95	1730.408	4097.115
#2	2468.260	60029.83	14171.33	1726.468	4081.095
#3	2448.791	59970.40	14151.30	1726.622	4057.177

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV06 Acquired: 12/6/2024 17:27:43 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**4.952131**	**4.931534**	**5.022080**	**4.995331**	**4.842304**	**9.977582**	**9.675508**
Stddev	.004678	.089942	.006512	.018262	.008029	.017800	.022794
%RSD	.0944705	1.823806	.1296607	.3655887	.1658111	.1783967	.2355876
#1	4.957446	5.025266	5.014665	5.016387	4.851540	9.957629	9.649245
#2	4.948640	4.923400	5.024706	4.985811	4.838380	9.983285	9.690143
#3	4.950306	4.845936	5.026868	4.983796	4.836991	9.991830	9.687137

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2531141**	**2.536276**	**24.92670**	**1.027187**	**2.513581**	**1.264648**	**4.908105**
Stddev	.0006492	.002190	.08800	.002339	.002050	.001834	.044276
%RSD	.2565015	.0863304	.3530402	.2277034	.0815599	.1450241	.9021047
#1	.2538521	2.537233	24.82554	1.024494	2.513633	1.263311	4.856996
#2	.2526308	2.533771	24.96889	1.028705	2.511506	1.263894	4.934774
#3	.2528595	2.537824	24.98565	1.028363	2.515605	1.266738	4.932546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.440163**	**24.97744**	**2.516768**	**1.246611**	**22.50983**	**2.516092**	**2.483741**
Stddev	.009071	.05718	.001886	.001610	.06641	.009557	.006395
%RSD	.3717231	.2289144	.0749333	.1291708	.2950306	.3798454	.2574911
#1	2.429841	24.91285	2.516627	1.244915	22.55821	2.506467	2.476799
#2	2.446861	24.99786	2.514957	1.248119	22.53717	2.525579	2.489394
#3	2.443788	25.02160	2.518721	1.246800	22.43411	2.516229	2.485029

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.69641**	**4.958328**	**5.080704**	**5.017787**	**4.888522**	**5.179105**	**5.020684**
Stddev	.09508	.014891	.010934	.007288	.005752	.052955	.020220
%RSD	.4012623	.3003156	.2152113	.1452498	.1176561	1.022475	.4027296
#1	23.58809	4.975290	5.092123	5.026158	4.883713	5.118157	5.043971
#2	23.76610	4.947409	5.079658	5.012849	4.894893	5.205305	5.007593
#3	23.73504	4.952285	5.070330	5.014354	4.886960	5.213853	5.010486

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV06 Acquired: 12/6/2024 17:27:43 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**4.927041**	**4.701146**	**4.972100**
Stddev	.026492	.011012	.007126
%RSD	.5376884	.2342445	.1433139
#1	4.956171	4.712048	4.979792
#2	4.904389	4.701363	4.965724
#3	4.920562	4.690027	4.970784

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2459.075**	**58287.31**	**13464.23**	**1689.341**	**3919.202**
Stddev	2.107	101.29	50.57	4.508	3.381
%RSD	.0857025	.1737830	.3755628	.2668721	.0862746
#1	2460.144	58399.67	13408.19	1689.673	3923.029
#2	2460.434	58202.99	13478.03	1684.676	3917.956
#3	2456.647	58259.27	13506.46	1693.674	3916.620

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB06 Acquired: 12/6/2024 17:31:52 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0014075**	**.0003098**	**-.000854**	**-.001757**	**.0022123**	**-.001575**	**-.002207**
Stddev	.0021014	.0007822	.000120	.000162	.0007357	.003141	.000380
%RSD	149.3021	252.5256	14.11357	9.223112	33.25702	199.4892	17.19501
#1	.0015983	.0012105	-.000752	-.001611	.0022165	.002046	-.001774
#2	.0034070	-.000199	-.000987	-.001727	.0014745	-.003574	-.002366
#3	-.000783	-.000082	-.000821	-.001931	.0029460	-.003196	-.002482

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000303**	**.0001188**	**-.008728**	**-.000017**	**.0001763**	**-.000225**	**.0010300**
Stddev	.0000531	.0000050	.005627	.000309	.0001084	.000160	.0026365
%RSD	175.3339	4.182771	64.47299	1786.959	61.44736	70.84692	255.9578
#1	.0000694	.0001171	-.008278	.000052	.0002762	-.000190	.0032729
#2	.0000517	.0001148	-.014566	-.000356	.0000611	-.000400	-.001874
#3	-.000030	.0001244	-.003339	.000251	.0001917	-.000086	.001691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000083**	**-.005547**	**.0004444**	**.0008925**	**.0749656**	**.0002772**	**-.000980**
Stddev	.0001755	.013385	.0000991	.0004178	.0148034	.0001169	.000075
%RSD	2124.761	241.3023	22.30877	46.81501	19.74695	42.18596	7.626323
#1	.0001956	.006808	.0003450	.0012341	.0584777	.0002606	-.000985
#2	-.000018	-.019766	.0004450	.0004266	.0793041	.0001695	-.001051
#3	-.000152	-.003682	.0005432	.0010166	.0871150	.0004016	-.000902

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.052644**	**.0021520**	**.0011229**	**.0002326**	**.0004188**	**.0072958**	**-.002206**
Stddev	.016734	.0002334	.0001043	.0005815	.0002609	.0045624	.002237
%RSD	31.78628	10.84592	9.286313	250.0170	62.28676	62.53448	101.3808
#1	-.070490	.0023887	.0012416	-.000400	.0007020	.0091220	-.004609
#2	-.050137	.0019221	.0010814	.000744	.0001883	.0106623	-.000183
#3	-.037306	.0021451	.0010458	.000353	.0003662	.0021032	-.001827

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB06 Acquired: 12/6/2024 17:31:52 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.000627	-.000685	.0001058
Stddev	.001968	.000400	.0000670
%RSD	314.1195	58.30839	63.33912
#1	.001646	-.000254	.0001695
#2	-.001736	-.000758	.0001121
#3	-.001790	-.001044	.0000359

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2625.087	62269.68	13857.63	1808.337	4543.636
Stddev	.901	225.94	157.58	16.312	2.282
%RSD	.0343115	.3628331	1.137148	.9020179	.0502343
#1	2624.054	62013.71	13786.60	1789.572	4543.430
#2	2625.500	62354.01	14038.22	1816.320	4546.014
#3	2625.708	62441.33	13748.06	1819.120	4541.462

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165430BL Acquired: 12/6/2024 17:36:13 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**-.000279**	**-.000548**	**-.001109**	**-.000374**	**-.000388**	**-.001278**	**-.002730**
Stddev	.000662	.000303	.000091	.001210	.000795	.002312	.000394
%RSD	237.2463	55.23672	8.225236	322.9773	204.6825	180.9215	14.44415
#1	-.000971	-.000571	-.001152	-.001767	.000241	-.001958	-.002308
#2	-.000213	-.000235	-.001004	.000232	-.001282	-.003173	-.002795
#3	.000347	-.000839	-.001171	.000412	-.000124	.001298	-.003088

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000221**	**.0000402**	**-.001948**	**.0000893**	**.0001182**	**-.000393**	**-.002192**
Stddev	.0000608	.0000949	.004355	.0003062	.0000222	.000108	.004323
%RSD	275.0953	235.9561	223.4979	343.0623	18.79100	27.50154	197.2483
#1	-.000033	.0001444	-.003499	.0004006	.0001176	-.000365	.002497
#2	.000011	-.000041	.002969	.0000788	.0000962	-.000512	-.003052
#3	.000088	.000017	-.005316	-.000212	.0001406	-.000301	-.006020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000218**	**-.003938**	**.0002339**	**.0009068**	**.0664166**	**.0000786**	**-.001195**
Stddev	.000075	.007601	.0002612	.0002615	.0113185	.0007022	.000098
%RSD	34.21523	193.0248	111.6348	28.84319	17.04164	893.3250	8.217562
#1	-.000299	-.005602	.0001459	.0011873	.0543645	-.000703	-.001084
#2	-.000204	-.010569	.0000282	.0006696	.0680646	.000655	-.001235
#3	-.000151	.004358	.0005278	.0008634	.0768209	.000284	-.001268

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.065938**	**-.001278**	**.0001913**	**-.000928**	**.0002401**	**.0040139**	**-.002805**
Stddev	.008074	.000615	.0003388	.000394	.0002150	.0007780	.001169
%RSD	12.24491	48.15028	177.1062	42.48197	89.55602	19.38272	41.67651
#1	-.069623	-.000588	-.000200	-.001222	.0004517	.0047757	-.001460
#2	-.071513	-.001476	.000372	-.000480	.0002466	.0032207	-.003578
#3	-.056679	-.001769	.000401	-.001082	.0000219	.0040452	-.003377

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165430BL Acquired: 12/6/2024 17:36:13 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.002047	-.000368	-.000004
Stddev	.001442	.000150	.000014
%RSD	70.41725	40.77640	342.0463
#1	-.003710	-.000540	.000012
#2	-.001281	-.000263	-.000016
#3	-.001150	-.000302	-.000008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2639.311	62503.65	13688.83	1814.853	4554.687
Stddev	1.948	72.59	47.96	1.812	6.038
%RSD	.0738077	.1161370	.3503544	.0998612	.1325631
#1	2640.880	62437.11	13637.67	1815.001	4556.460
#2	2639.921	62492.77	13696.07	1812.971	4559.640
#3	2637.130	62581.06	13732.76	1816.587	4547.961

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165430BS Acquired: 12/6/2024 17:40:34 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.7473945**	**1.977913**	**.9571412**	**1.893666**	**.7399291**	**1.956051**
Stddev	.0009963	.009041	.0009379	.002943	.0027836	.007484
%RSD	.1333060	.4571137	.0979854	.1553965	.3761964	.3826286
#1	.7485395	1.980665	.9567907	1.894938	.7427062	1.948490
#2	.7469190	1.985259	.9582038	1.895760	.7371391	1.956207
#3	.7467251	1.967816	.9564291	1.890302	.7399419	1.963456

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1905112**	**.2064044**	**.1926246**	**1.046577**	**.4018501**	**.1948912**
Stddev	.0009128	.0001250	.0001164	.005042	.0011144	.0001754
%RSD	.4791088	.0605750	.0604250	.4817443	.2773138	.0899939
#1	.1895003	.2063022	.1925392	1.041578	.4027341	.1950602
#2	.1907584	.2063672	.1927572	1.046493	.4005983	.1949031
#3	.1912749	.2065438	.1925774	1.051660	.4022178	.1947101

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3046948**	**2.844173**	**.2025787**	**1.975158**	**.4887939**	**.0725653**
Stddev	.0005493	.018450	.0012030	.007963	.0006764	.0000960
%RSD	.1802793	.6486883	.5938253	.4031406	.1383707	.1323221
#1	.3051140	2.830256	.2013239	1.966320	.4888367	.0726746
#2	.3040729	2.837162	.2026899	1.977381	.4880971	.0725271
#3	.3048973	2.865101	.2037221	1.981773	.4894478	.0724943

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **2.520770**	**.3012711**	**.1996046**	**8.788343**	**.2936544**	**.4010910**
Stddev	.005039	.0017266	.0002057	.033652	.0003120	.0005199
%RSD	.1999131	.5731074	.1030396	.3829162	.1062590	.1296294
#1	2.515392	.2992916	.1995001	8.752436	.2932975	.4016470
#2	2.525384	.3020545	.1994722	8.793430	.2937903	.4010090
#3	2.521533	.3024670	.1998416	8.819161	.2938755	.4006169

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: PB165430BS Acquired: 12/6/2024 17:40:34 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.6726834	.1944422	F .6869290	5.553554	F -.011910	.1960027
Stddev	.0011075	.0003473	.0082720	.008431	.002645	.0001853
%RSD	.1646401	.1786179	1.204203	.1518053	22.20770	.0945396
#1	.6734406	.1940432	.6783326	5.558769	-.008970	.1959159
#2	.6731972	.1946767	.6876211	5.558066	-.014097	.1958768
#3	.6714123	.1946068	.6948332	5.543828	-.012662	.1962155

Elem	Sr4077
Units	ppm
Avg	.2023423
Stddev	.0007443
%RSD	.3678566
#1	.2014828
#2	.2027718
#3	.2027723

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2614.276	61975.81	13416.49	1801.003	4370.397
Stddev	4.421	34.70	15.43	4.013	6.821
%RSD	.1690988	.0559968	.1150150	.2228291	.1560829
#1	2609.208	61980.71	13408.82	1798.203	4362.532
#2	2617.341	62007.81	13406.40	1805.601	4373.956
#3	2616.279	61938.92	13434.26	1799.206	4374.703

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02 Acquired: 12/6/2024 17:44:35 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0061069**	**.0027642**	**.0470209**	**-.004608**	**.0020457**	**3.066716**	**.0708831**
Stddev	.0008761	.0003182	.0002486	.001305	.0011339	.012657	.0005674
%RSD	14.34604	11.50970	.5286015	28.31460	55.42827	.4127094	.8005256
#1	.0051143	.0024737	.0469506	-.005842	.0008189	3.057986	.0702344
#2	.0064342	.0031042	.0472970	-.003243	.0022629	3.060930	.0711274
#3	.0067722	.0027147	.0468150	-.004740	.0030552	3.081231	.0712875

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003868**	**.0006056**	**80.63847**	**.0135389**	**.0035228**	**.0310671**	**10.42212**
Stddev	.0000336	.0000842	.30195	.0001106	.0001139	.0005526	.03179
%RSD	8.685697	13.90194	.3744521	.8169910	3.233802	1.778621	.3050117
#1	.0003768	.0005274	80.29060	.0135792	.0036136	.0308882	10.38550
#2	.0004242	.0006947	80.79203	.0136236	.0035598	.0306262	10.44262
#3	.0003593	.0005946	80.83277	.0134137	.0033950	.0316870	10.43824

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3611631**	**7.916587**	**.0121471**	**.0008122**	**23.23702**	**.0083157**	**.4605268**
Stddev	.0020296	.033674	.0003434	.0001538	.07630	.0009892	.0015091
%RSD	.5619734	.4253562	2.826730	18.93586	.3283460	11.89572	.3276995
#1	.3590431	7.878303	.0124450	.0007089	23.17623	.0087015	.4605609
#2	.3613581	7.941617	.0117715	.0007387	23.21218	.0071917	.4590009
#3	.3630883	7.929841	.0122249	.0009889	23.32264	.0090539	.4620186

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.237201**	**.0466082**	**.0025285**	**-.002082**	**.1478472**	**9.437967**	**1.905849**
Stddev	.007686	.0000255	.0001042	.000917	.0007504	.019839	.012034
%RSD	.1061951	.0546813	4.119862	44.04039	.5075488	.2102042	.6314248
#1	7.232831	.0466358	.0026394	-.002046	.1469891	9.439674	1.919269
#2	7.232697	.0466032	.0024327	-.001184	.1481721	9.417330	1.902261
#3	7.246075	.0465856	.0025135	-.003016	.1483805	9.456898	1.896017

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02 Acquired: 12/6/2024 17:44:35 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**4.451140**	**-.003693**	**.2394911**
Stddev	.021830	.000100	.0014846
%RSD	.4904419	2.705413	.6199018
#1	4.472049	-.003680	.2380984
#2	4.428492	-.003600	.2393217
#3	4.452878	-.003798	.2410531

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2448.925**	**60089.06**	**14143.34**	**1726.240**	**4062.965**
Stddev	10.411	86.90	49.06	7.502	11.802
%RSD	.4251175	.1446171	.3468956	.4345773	.2904719
#1	2460.225	60181.65	14188.40	1732.206	4076.460
#2	2446.827	60076.26	14150.55	1728.696	4057.864
#3	2439.722	60009.27	14091.07	1717.818	4054.572

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02DUP Acquired: 12/6/2024 17:48:47 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0061120	.0015864	.0475465	-.004017	.0020536	3.424812
Stddev	.0025035	.0013629	.0009231	.000871	.0004040	.016749
%RSD	40.96116	85.90843	1.941537	21.67523	19.67223	.4890351
#1	.0032978	.0030185	.0484055	-.003410	.0023914	3.420308
#2	.0069463	.0003053	.0476636	-.003628	.0016061	3.410777
#3	.0080918	.0014355	.0465704	-.005015	.0021634	3.443352

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731390	.0003763	.0006129	80.10683	.0136341	.0034470
Stddev	.0003530	.0000408	.0001099	.25910	.0002130	.0001175
%RSD	.4825869	10.84770	17.93073	.3234430	1.562282	3.407551
#1	.0731176	.0003303	.0004885	79.83354	.0135100	.0035186
#2	.0735021	.0003903	.0006533	80.34892	.0135123	.0033114
#3	.0727972	.0004083	.0006968	80.13802	.0138801	.0035110

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0310004	10.53551	.3604550	7.903741	.0125631	.0008029
Stddev	.0002375	.04085	.0014841	.030954	.0001878	.0003931
%RSD	.7660631	.3877042	.4117155	.3916333	1.495140	48.95954
#1	.0310295	10.49662	.3587431	7.871727	.0124985	.0004435
#2	.0307497	10.57806	.3612432	7.933512	.0127747	.0012226
#3	.0312220	10.53184	.3613786	7.905983	.0124161	.0007424

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.80218	.0097428	.4627604	7.502590	.0462055	.0023429
Stddev	.13517	.0008996	.0007457	.044043	.0004485	.0000863
%RSD	.5679080	9.233573	.1611310	.5870369	.9707745	3.684099
#1	23.75435	.0103160	.4627581	7.488009	.0457629	.0022675
#2	23.69743	.0087059	.4620159	7.467687	.0466598	.0024371
#3	23.95477	.0102064	.4635072	7.552075	.0461938	.0023243

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02DUP Acquired: 12/6/2024 17:48:47 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.001927	.1782157	F 10.55720	1.925397	4.524180	-.003760
Stddev	.000218	.0026140	.06853	.011014	.019000	.000306
%RSD	11.30378	1.466766	.6491679	.5720292	.4199668	8.129755
#1	-.001679	.1773842	10.56230	1.919409	4.502242	-.003545
#2	-.002085	.1761185	10.48626	1.918675	4.534958	-.004110
#3	-.002018	.1811443	10.62304	1.938108	4.535340	-.003625

Elem	Sr4077
Units	ppm
Avg	.2407050
Stddev	.0010444
%RSD	.4338707
#1	.2401503
#2	.2400551
#3	.2419097

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.647	59214.77	14045.12	1686.557	4010.296
Stddev	.217	131.56	30.07	4.000	4.548
%RSD	.0090051	.2221734	.2141279	.2371878	.1133997
#1	2412.890	59321.48	14079.75	1689.711	4013.057
#2	2412.472	59255.06	14030.03	1687.904	4012.784
#3	2412.578	59067.78	14025.58	1682.057	4005.047

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02LX5 Acquired: 12/6/2024 17:52:59 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0003934	.0005008	.0084169	.0005266	.0004088	.7186412	.0116258
Stddev	.0016732	.0013393	.0005543	.0002835	.0007518	.0046212	.0005548
%RSD	425.3041	267.4504	6.585486	53.83219	183.8962	.6430517	4.772615
#1	-.001055	-.000949	.0090264	.0008233	-.000394	.7222983	.0115215
#2	.002225	.000759	.0079429	.0002586	.000523	.7201779	.0111305
#3	.000010	.001692	.0082814	.0004977	.001097	.7134474	.0122254

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000985	.0000573	16.36063	.0025653	.0005841	.0060699	2.083161
Stddev	.0000478	.0000059	.04401	.0000511	.0001211	.0000183	.015458
%RSD	48.53535	10.31095	.2690018	1.991281	20.72233	.3012501	.7420652
#1	.0000541	.0000638	16.31047	.0026019	.0005671	.0060605	2.068510
#2	.0000922	.0000521	16.37863	.0025069	.0004725	.0060910	2.081655
#3	.0001491	.0000561	16.39278	.0025871	.0007128	.0060582	2.099317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0739616	1.620060	.0026035	.0008144	4.218150	.0014360	.0865497
Stddev	.0001296	.010232	.0002310	.0002044	.017896	.0007353	.0001976
%RSD	.1752435	.6315753	8.873411	25.10158	.4242526	51.20487	.2283502
#1	.0740900	1.612184	.0025978	.0006237	4.206860	.0022826	.0863859
#2	.0738308	1.631625	.0023753	.0007894	4.238783	.0009563	.0864939
#3	.0739640	1.616371	.0028372	.0010303	4.208806	.0010692	.0867692

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.337800	.0066391	.0005399	-.000848	.0412625	2.145252	.3612426
Stddev	.016060	.0002041	.0002457	.000493	.0013931	.007083	.0028644
%RSD	1.200499	3.074072	45.50287	58.17197	3.376221	.3301796	.7929252
#1	1.320656	.0064153	.0008223	-.001354	.0397418	2.149182	.3595723
#2	1.352496	.0066868	.0003753	-.000368	.0415686	2.149500	.3596053
#3	1.340247	.0068151	.0004221	-.000821	.0424771	2.137075	.3645500

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02LX5 Acquired: 12/6/2024 17:52:59 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.8413468	-.001710	.0485381
Stddev	.0040517	.000280	.0002009
%RSD	.4815686	16.37375	.4138954
#1	.8398192	-.001394	.0485718
#2	.8459401	-.001812	.0487200
#3	.8382809	-.001925	.0483225

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2522.287	60722.88	13752.35	1737.314	4277.064
Stddev	9.258	110.12	19.76	10.226	4.974
%RSD	.3670367	.1813535	.1436748	.5885889	.1163023
#1	2514.451	60846.77	13737.57	1748.354	4272.258
#2	2532.502	60636.14	13744.69	1735.419	4282.191
#3	2519.907	60685.71	13774.79	1728.168	4276.742

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02MS Acquired: 12/6/2024 17:57:17 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.8403905**	**2.053275**	**1.030910**	**1.055152**	**.8070126**	**5.759613**
Stddev	.0025288	.014833	.002072	.003197	.0042223	.015406
%RSD	.3009122	.7224200	.2009588	.3029495	.5232005	.2674799
#1	.8432661	2.068627	1.033013	1.053851	.8029491	5.749521
#2	.8385132	2.039022	1.030845	1.052811	.8067111	5.777345
#3	.8393921	2.052178	1.028871	1.058794	.8113775	5.751972

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2783260**	**.2114636**	**.1992372**	**86.29310**	**.4127123**	**.2054459**
Stddev	.0005796	.0004675	.0001205	.29767	.0011745	.0000925
%RSD	.2082404	.2210569	.0604826	.3449503	.2845936	.0450319
#1	.2780003	.2112688	.1992692	86.61767	.4115063	.2053393
#2	.2779826	.2111251	.1993385	86.22881	.4127780	.2054932
#3	.2789952	.2119970	.1991039	86.03284	.4138527	.2055052

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3519709**	**13.88454**	**.5868877**	**10.35750**	**.5146500**	**.0775149**
Stddev	.0011535	.08563	.0021242	.03521	.0002035	.0003027
%RSD	.3277194	.6167290	.3619493	.3399355	.0395323	.3905262
#1	.3514643	13.97040	.5891659	10.38015	.5145002	.0778639
#2	.3511575	13.88407	.5865360	10.37541	.5148816	.0773579
#3	.3532910	13.79914	.5849613	10.31694	.5145681	.0773230

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.99743**	**.3203624**	**.6883735**	**18.05576**	**.3392216**	**.4233285**
Stddev	.11616	.0015938	.0012240	.02508	.0007899	.0015760
%RSD	.4148797	.4975009	.1778088	.1388941	.2328670	.3722885
#1	27.87519	.3193593	.6871770	18.03258	.3392017	.4224804
#2	28.01075	.3195276	.6883201	18.05234	.3384419	.4223582
#3	28.10635	.3222002	.6896233	18.08238	.3400214	.4251470

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02MS Acquired: 12/6/2024 17:57:17 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.6679086**	**.3788041**	F **11.77095**	**8.091753**	**6.425091**	**.2108526**
Stddev	.0005862	.0039827	.03908	.060110	.023859	.0010478
%RSD	.0877597	1.051394	.3320159	.7428597	.3713447	.4969327
#1	.6683451	.3814885	11.79093	8.158877	6.450610	.2101855
#2	.6672424	.3742281	11.79601	8.073488	6.403341	.2103122
#3	.6681384	.3806958	11.72592	8.042893	6.421322	.2120603

Elem	Sr4077
Units	ppm
Avg	**.4701252**
Stddev	.0012771
%RSD	.2716470
#1	.4693061
#2	.4694728
#3	.4715967

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2379.026**	**59106.94**	**13737.26**	**1666.942**	**3931.369**
Stddev	7.521	59.93	4.30	5.975	4.850
%RSD	.3161219	.1013925	.0312813	.3584475	.1233617
#1	2383.157	59144.04	13740.13	1672.324	3936.379
#2	2383.577	59037.81	13739.33	1660.512	3931.033
#3	2370.346	59138.98	13732.32	1667.988	3926.697

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02MSD Acquired: 12/6/2024 18:01:16 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.8435221**	**2.054176**	**1.035906**	**1.060813**	**.8078777**	**5.799297**
Stddev	.0039928	.011818	.003013	.003189	.0040020	.019827
%RSD	.4733497	.5753302	.2908312	.3005767	.4953727	.3418947
#1	.8480829	2.059902	1.032461	1.057192	.8055182	5.822167
#2	.8418263	2.062041	1.037211	1.062050	.8124985	5.786933
#3	.8406571	2.040586	1.038046	1.063199	.8056165	5.788792

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2783937**	**.2121232**	**.2007759**	**86.01438**	**.4156527**	**.2069019**
Stddev	.0008565	.0005042	.0000731	.28720	.0009594	.0001967
%RSD	.3076672	.2376796	.0364034	.3338931	.2308230	.0950907
#1	.2774103	.2115607	.2008070	85.82655	.4148299	.2070192
#2	.2787940	.2125346	.2006924	85.87161	.4167065	.2066747
#3	.2789768	.2122741	.2008283	86.34498	.4154216	.2070116

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3538155**	**13.89279**	**.5852747**	**10.34337**	**.5180253**	**.0778117**
Stddev	.0015935	.04608	.0022094	.01072	.0004097	.0002572
%RSD	.4503884	.3316527	.3775033	.1036271	.0790889	.3305348
#1	.3524377	13.86192	.5838334	10.33299	.5178583	.0776407
#2	.3555607	13.87069	.5841722	10.34272	.5177254	.0781075
#3	.3534481	13.94575	.5878184	10.35440	.5184921	.0776870

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**28.30798**	**.3200328**	**.6909890**	**18.19493**	**.3404622**	**.4250605**
Stddev	.05691	.0019917	.0065795	.00961	.0013983	.0008992
%RSD	.2010368	.6223378	.9521923	.0528257	.4107156	.2115528
#1	28.32124	.3190343	.6854164	18.20070	.3388697	.4242032
#2	28.24561	.3187379	.6893031	18.18384	.3414892	.4259965
#3	28.35709	.3223263	.6982474	18.20026	.3410277	.4249817

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02MSD Acquired: 12/6/2024 18:01:16 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.6719700	.3810315	F 11.91094	8.113739	6.454377	.2127225
Stddev	.0020687	.0041116	.06118	.025259	.001486	.0003795
%RSD	.3078640	1.079062	.5136413	.3113155	.0230230	.1784067
#1	.6721838	.3857638	11.95876	8.127696	6.452910	.2123368
#2	.6698027	.3783353	11.84200	8.128940	6.455881	.2130955
#3	.6739236	.3789953	11.93208	8.084581	6.454339	.2127352

Elem	Sr4077
Units	ppm
Avg	.4712611
Stddev	.0012234
%RSD	.2595971
#1	.4701277
#2	.4710976
#3	.4725580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2366.356	58183.05	13584.97	1639.490	3894.523
Stddev	10.479	71.54	31.04	13.074	12.298
%RSD	.4428465	.1229609	.2285160	.7974417	.3157718
#1	2377.959	58260.41	13618.39	1647.319	3904.001
#2	2357.580	58169.49	13579.50	1646.753	3898.942
#3	2363.530	58119.26	13557.03	1624.397	3880.627

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02A Acquired: 12/6/2024 18:05:15 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.8371096**	**2.032445**	**1.025590**	**1.058592**	**.7993870**	**5.925502**
Stddev	.0047918	.029919	.003013	.003253	.0025950	.024839
%RSD	.5724213	1.472077	.2938073	.3073396	.3246197	.4191947
#1	.8401766	2.004781	1.029040	1.059157	.8007218	5.947143
#2	.8315878	2.028356	1.024254	1.055093	.7963963	5.930983
#3	.8395643	2.064198	1.023475	1.061526	.8010429	5.898380

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2744774**	**.2103020**	**.1994754**	**85.70383**	**.4127822**	**.2046911**
Stddev	.0009403	.0008916	.0003618	.09161	.0007989	.0008063
%RSD	.3425738	.4239714	.1813671	.1068866	.1935342	.3939198
#1	.2741740	.2092758	.1995814	85.76000	.4120723	.2045840
#2	.2755319	.2107434	.1990725	85.75337	.4126269	.2039438
#3	.2737263	.2108869	.1997723	85.59812	.4136473	.2055457

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3520330**	**13.84304**	**.5808629**	**10.33875**	**.5128719**	**.0775045**
Stddev	.0015365	.04803	.0016865	.01911	.0005120	.0004218
%RSD	.4364538	.3469916	.2903516	.1848525	.0998345	.5441933
#1	.3525804	13.89279	.5819427	10.35595	.5133196	.0776039
#2	.3502977	13.83938	.5789194	10.31817	.5123136	.0770419
#3	.3532207	13.79693	.5817265	10.34213	.5129825	.0778677

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.76916**	**.3171963**	**.6888184**	**17.99267**	**.3371864**	**.4238859**
Stddev	.05196	.0005718	.0024797	.03343	.0014193	.0010069
%RSD	.1871183	.1802626	.3599978	.1858107	.4209233	.2375342
#1	27.81546	.3176077	.6861475	18.01990	.3364944	.4240910
#2	27.77907	.3174379	.6892599	18.00276	.3362458	.4227923
#3	27.71296	.3165434	.6910476	17.95535	.3388190	.4247745

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5138-02A Acquired: 12/6/2024 18:05:15 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.6683732	.3916243	F 12.27442	8.065768	6.416547	.2099731
Stddev	.0015334	.0081393	.14253	.038112	.028611	.0010078
%RSD	.2294232	2.078347	1.161189	.4725145	.4458903	.4799615
#1	.6676308	.4009407	12.43876	8.032546	6.388127	.2088290
#2	.6673523	.3858927	12.18458	8.057385	6.416170	.2107294
#3	.6701365	.3880396	12.19992	8.107374	6.445345	.2103609

Elem	Sr4077
Units	ppm
Avg	.4669337
Stddev	.0010926
%RSD	.2339950
#1	.4658021
#2	.4679826
#3	.4670165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2377.802	58609.54	13653.48	1639.050	3925.632
Stddev	8.870	23.86	38.59	5.065	6.498
%RSD	.3730249	.0407108	.2826548	.3090252	.1655191
#1	2373.079	58597.00	13697.69	1644.096	3919.401
#2	2388.034	58637.06	13636.26	1639.088	3932.367
#3	2372.293	58594.57	13626.50	1633.966	3925.126

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5139-01 Acquired: 12/6/2024 18:09:13 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**.0070342**	**.0017278**	**.0470808**	**-.007179**	**.0015302**	**3.014583**	**.0696967**
Stddev	.0017622	.0018478	.0004577	.000802	.0006860	.034167	.0003303
%RSD	25.05132	106.9467	.9721807	11.17283	44.82971	1.133383	.4739857
#1	.0055172	.0023169	.0470785	-.006712	.0007645	3.050129	.0697283
#2	.0066184	.0032093	.0466242	-.008105	.0017376	3.011634	.0700101
#3	.0089672	-.000343	.0475396	-.006719	.0020886	2.981987	.0693517

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004162**	**.0005910**	**79.67939**	**.0104747**	**.0032918**	**.0304100**	**10.17726**
Stddev	.0000316	.0000232	.08896	.0000203	.0001206	.0000644	.02490
%RSD	7.601447	3.932465	.1116499	.1941727	3.662497	.2116666	.2447024
#1	.0003796	.0005724	79.77167	.0104617	.0032784	.0304782	10.15524
#2	.0004341	.0006171	79.67233	.0104981	.0034185	.0303502	10.17225
#3	.0004347	.0005836	79.59417	.0104643	.0031786	.0304017	10.20429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3591204**	**7.831226**	**.0097883**	**.0007131**	**23.05721**	**.0085655**	**.4579050**
Stddev	.0014127	.019953	.0001466	.0003489	.10049	.0007283	.0018239
%RSD	.3933896	.2547873	1.497150	48.93228	.4358192	8.502587	.3983116
#1	.3575840	7.852348	.0098592	.0003336	22.94837	.0080438	.4558117
#2	.3594140	7.828636	.0098860	.0010201	23.07678	.0093975	.4587515
#3	.3603633	7.812695	.0096198	.0007855	23.14647	.0082552	.4591518

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.035808**	**.0465456**	**.0021107**	**-.001427**	**.1567976**	**9.014876**	**1.874137**
Stddev	.022841	.0002390	.0001493	.000770	.0043171	.089677	.002518
%RSD	.3246364	.5134087	7.074201	53.96158	2.753311	.9947651	.1343398
#1	7.029697	.0468152	.0019742	-.001194	.1606721	9.109235	1.872835
#2	7.016645	.0464621	.0022701	-.000801	.1521439	9.004634	1.872536
#3	7.061083	.0463597	.0020877	-.002288	.1575766	8.930761	1.877039

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5139-01 Acquired: 12/6/2024 18:09:13 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**3.944275**	**-.004058**	**.2353666**
Stddev	.004772	.000373	.0003170
%RSD	.1209759	9.187505	.1346914
#1	3.946267	-.004475	.2350121
#2	3.947728	-.003756	.2354649
#3	3.938830	-.003943	.2356229

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2513.185**	**60566.21**	**14105.76**	**1770.134**	**4131.507**
Stddev	5.347	156.42	5.74	11.652	4.528
%RSD	.2127432	.2582673	.0406774	.6582276	.1095939
#1	2518.039	60681.64	14107.60	1782.675	4136.166
#2	2507.454	60628.81	14110.35	1768.082	4131.230
#3	2514.063	60388.18	14099.32	1759.644	4127.123

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5139-02 Acquired: 12/6/2024 18:13:25 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	.0065607	.0008483	.0486087	-.003829	.0026522	3.133721	.0747570
Stddev	.0030899	.0015937	.0004998	.001176	.0005224	.016461	.0002782
%RSD	47.09733	187.8739	1.028153	30.69853	19.69604	.5252824	.3720937
#1	.0038849	.0024890	.0487640	-.002666	.0031001	3.119580	.0744522
#2	.0058547	.0007496	.0490125	-.003806	.0027781	3.151791	.0748214
#3	.0099425	-.000694	.0480498	-.005016	.0020783	3.129794	.0749972

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003975	.0006214	83.92574	.0110994	.0033553	.0319471	10.63611
Stddev	.0000317	.0000189	.18169	.0002521	.0002045	.0004288	.04071
%RSD	7.966662	3.043471	.2164881	2.271288	6.095654	1.342197	.3827315
#1	.0004336	.0006419	83.87776	.0113682	.0033393	.0321017	10.63218
#2	.0003848	.0006178	84.12660	.0110618	.0035674	.0314625	10.59751
#3	.0003742	.0006046	83.77285	.0108683	.0031593	.0322772	10.67864

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3833058	8.204962	.0098804	.0004733	24.35283	.0093629	.4746606
Stddev	.0012011	.012353	.0000579	.0001312	.09428	.0007635	.0024025
%RSD	.3133476	.1505538	.5856478	27.72142	.3871270	8.154257	.5061568
#1	.3846094	8.200140	.0098539	.0004101	24.31646	.0085262	.4753249
#2	.3830640	8.218998	.0099468	.0003857	24.28215	.0100218	.4719959
#3	.3822440	8.195747	.0098406	.0006242	24.45987	.0095405	.4766611

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.409884	.0484357	.0026737	-.002386	.1559503	9.462053	1.973876
Stddev	.005541	.0004011	.0000713	.000557	.0081147	.015583	.003074
%RSD	.0747808	.8281209	2.667047	23.35896	5.203414	.1646841	.1557219
#1	7.405403	.0482129	.0025974	-.001857	.1495365	9.474190	1.976526
#2	7.408169	.0481955	.0026849	-.002968	.1650730	9.467489	1.970506
#3	7.416080	.0488988	.0027387	-.002332	.1532414	9.444481	1.974597

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: P5139-02 Acquired: 12/6/2024 18:13:25 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	4.320731	-.003967	.2475951
Stddev	.007601	.000243	.0009854
%RSD	.1759241	6.118543	.3979711
#1	4.319216	-.003744	.2464803
#2	4.314002	-.003933	.2479551
#3	4.328976	-.004225	.2483498

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.740	60538.02	14035.17	1763.534	4088.680
Stddev	14.785	115.32	26.99	10.084	21.353
%RSD	.5924172	.1904958	.1923352	.5718047	.5222499
#1	2511.669	60491.03	14065.10	1762.665	4109.690
#2	2493.095	60669.42	14012.66	1774.024	4089.351
#3	2482.456	60453.62	14027.76	1753.912	4067.000

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV07 Acquired: 12/6/2024 18:21:23 Type: Unk
Method: NON EPA-6010-200.7(v2505) 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	**4.814468**	**4.869133**	**4.928786**	**4.857109**	**4.708813**	**9.727758**	**9.301593**
Stddev	.006901	.031494	.010026	.011567	.009647	.044866	.039091
%RSD	.1433492	.6468103	.2034223	.2381481	.2048713	.4612145	.4202650
#1	4.822336	4.879355	4.917978	4.870213	4.719948	9.675985	9.275640
#2	4.811630	4.894245	4.930597	4.852796	4.703524	9.755254	9.346554
#3	4.809438	4.833797	4.937783	4.848318	4.702967	9.752036	9.282586

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2513872**	**2.491675**	**24.42824**	**1.006162**	**2.466690**	**1.232693**	**4.761653**
Stddev	.0003440	.004802	.15226	.001605	.004476	.002128	.022155
%RSD	.1368429	.1927048	.6232908	.1595357	.1814470	.1726366	.4652714
#1	.2509945	2.486360	24.30747	1.004783	2.462186	1.233934	4.751645
#2	.2515313	2.492967	24.37797	1.005778	2.466747	1.233910	4.746268
#3	.2516357	2.495699	24.59927	1.007924	2.471137	1.230236	4.787046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.395449**	**24.51502**	**2.469459**	**1.220495**	**25.96325**	**2.455130**	**2.444796**
Stddev	.011846	.17624	.004037	.000852	.14163	.012149	.005241
%RSD	.4945283	.7189086	.1634595	.0697776	.5454942	.4948588	.2143682
#1	2.385819	24.37824	2.465470	1.221280	26.02459	2.441255	2.440423
#2	2.391850	24.45293	2.469364	1.220617	26.06386	2.460268	2.443361
#3	2.408677	24.71391	2.473542	1.219589	25.80129	2.463866	2.450606

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.80809**	**4.908463**	**4.953673**	**4.929295**	**4.758315**	**5.057334**	**4.956383**
Stddev	.11074	.014115	.003394	.008302	.018058	.024761	.010406
%RSD	.4855171	.2875711	.0685185	.1684223	.3795023	.4896014	.2099478
#1	22.76935	4.898066	4.956987	4.919838	4.741280	5.030076	4.953605
#2	22.93299	4.902792	4.950204	4.932665	4.756418	5.063489	4.967897
#3	22.72193	4.924532	4.953826	4.935382	4.777246	5.078436	4.947649

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCV07 Acquired: 12/6/2024 18:21:23 Type: Unk
Method: NON EPA-6010-200.7(v2505) 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	**4.829987**	**4.563844**	**4.808080**
Stddev	.017337	.024047	.052157
%RSD	.3589526	.5269068	1.084768
#1	4.819773	4.550784	4.748945
#2	4.850005	4.591595	4.827770
#3	4.820183	4.549152	4.847525

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2502.867**	**59017.19**	**13476.43**	**1724.623**	**3966.721**
Stddev	3.365	12.67	23.32	4.613	3.943
%RSD	.1344601	.0214648	.1730473	.2674775	.0993906
#1	2499.804	59027.34	13491.72	1729.230	3967.762
#2	2506.469	59003.00	13487.98	1724.636	3970.039
#3	2502.328	59021.24	13449.58	1720.004	3962.363

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB07 Acquired: 12/6/2024 18:27:49 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	**-.000223**	**.0000722**	**-.000863**	**-.000524**	**.0009386**	**.0035495**	**-.002104**
Stddev	.001676	.0010936	.000616	.000890	.0007066	.0041255	.000450
%RSD	750.3985	1514.965	71.35591	169.8054	75.27571	116.2289	21.39649
#1	-.002148	-.000670	-.001496	-.000645	.0016685	-.001196	-.001757
#2	.000915	.001328	-.000828	.000420	.0008895	.006280	-.002612
#3	.000564	-.000442	-.000266	-.001348	.0002579	.005565	-.001942

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000401**	**.0000944**	**-.002733**	**-.000144**	**.0000173**	**-.000128**	**-.001730**
Stddev	.0000474	.0000750	.001847	.000150	.0000186	.000333	.002082
%RSD	118.0496	79.40003	67.58345	104.3079	107.8461	259.9621	120.3492
#1	.0000327	.0000079	-.004865	-.000022	.0000250	-.000362	.000666
#2	-.000003	.0001343	-.001638	-.000312	.0000308	-.000276	-.002752
#3	.000091	.0001410	-.001695	-.000099	-.000004	.000253	-.003105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000106**	**.0058144**	**.0002606**	**.0007982**	**.0029714**	**.0002924**	**-.001077**
Stddev	.000111	.0021879	.0002425	.0001725	.0153413	.0005993	.000142
%RSD	104.3828	37.62978	93.08510	21.61303	516.2960	204.9655	13.14384
#1	-.000215	.0061410	.0005185	.0008956	-.012853	.0006614	-.001157
#2	.000006	.0078206	.0002259	.0009000	.003988	.0006149	-.000914
#3	-.000108	.0034815	.0000372	.0005990	.017779	-.000399	-.001162

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.069426**	**.0018533**	**.0003441**	**-.000366**	**.0003751**	**.0026980**	**-.004966**
Stddev	.018123	.0004846	.0003297	.000299	.0002411	.0059361	.000384
%RSD	26.10414	26.14689	95.81916	81.53875	64.26620	220.0194	7.738836
#1	-.085171	.0023698	.0002944	-.000711	.0002405	.0083709	-.004663
#2	-.073490	.0014087	.0000421	-.000186	.0002314	.0031933	-.004837
#3	-.049616	.0017816	.0006959	-.000202	.0006535	-.003470	-.005398

Reviewed By:jaswal
On:12/11/2024
11:12:35 PM
Inst Id :P4
LB :LB133790

Sample Name: CCB07 Acquired: 12/6/2024 18:27:49 Type: Unk
Method: NON EPA-6010-200.7(v2499) 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	-.000945	-.000397	-.000015
Stddev	.001858	.000135	.000015
%RSD	196.7063	34.04996	100.3067
#1	-.001273	-.000547	-.000031
#2	-.002616	-.000286	-.000004
#3	.001056	-.000358	-.000009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.920	61907.66	13571.10	1810.339	4506.301
Stddev	2.360	89.41	13.75	9.900	6.365
%RSD	.0899381	.1444270	.1013110	.5468475	.1412473
#1	2624.254	61849.59	13571.08	1819.804	4505.050
#2	2621.411	62010.62	13557.36	1811.158	4500.655
#3	2626.095	61862.76	13584.86	1800.055	4513.199