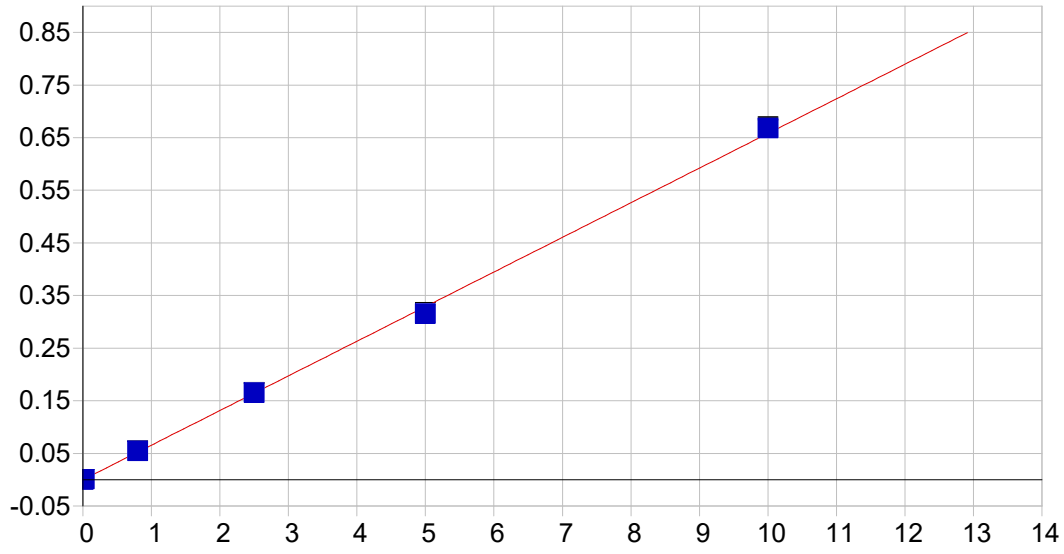
Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



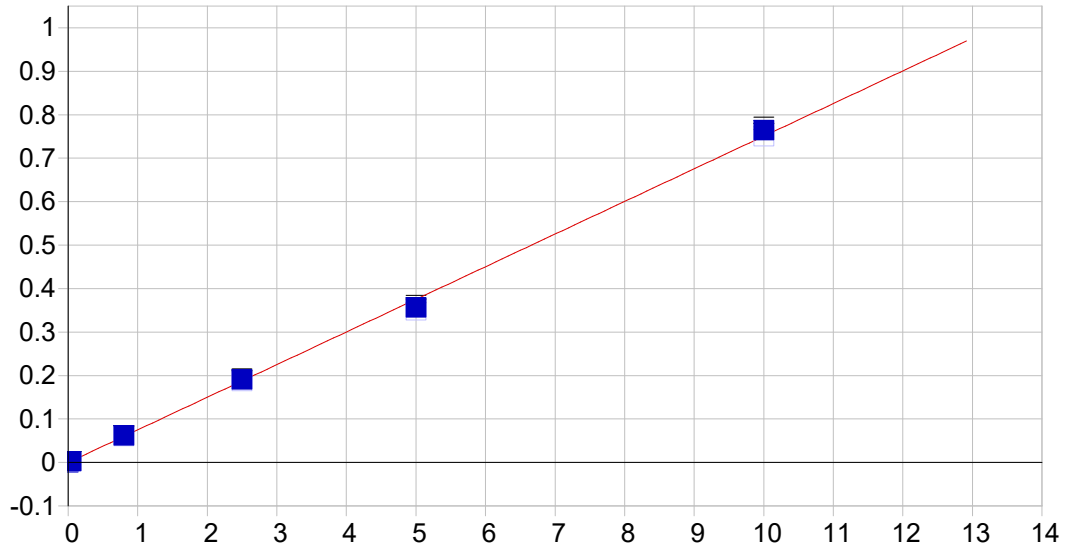
As 189.042 {479}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000204	Re-Slope:	1.000000
A1 (Gain):	0.065822	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999668	Status:	OK.
Std Error of Est:	0.000040		
Predicted MDL:	0.002516		
Predicted MQL:	0.008387		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.02000	.01951	-.000	-2.45	.00107	.000	1
S3	2.5000	2.5131	.013	.524	.16504	.001	1
S4	5.0000	4.7981	-.202	-4.04	.31527	.002	1
S5	10.000	10.154	.154	1.54	.66747	.003	1
S2	.80000	.83496	.035	4.37	.05470	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



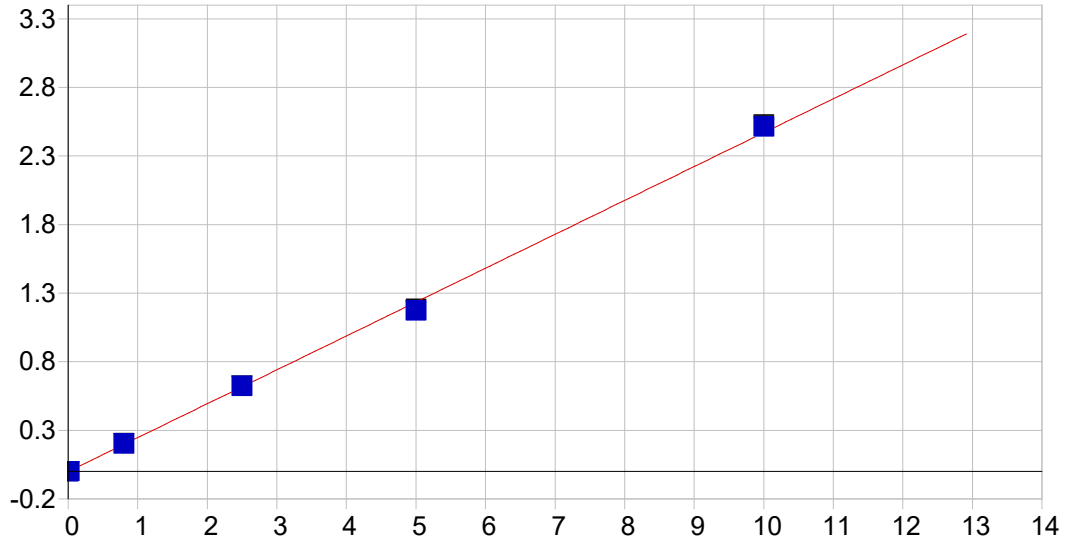
Tl 190.856 {477}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000151	Re-Slope:	1.000000
A1 (Gain):	0.075085	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999525	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	0.002012		
Predicted MQL:	0.006706		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00015	.000	1
S1	.04000	.03919	-.001	-2.04	.00260	.000	1
S3	2.5000	2.5412	.041	1.65	.18720	.001	1
S4	5.0000	4.7539	-.246	-4.92	.34988	.005	1
S5	10.000	10.183	.183	1.83	.75059	.007	1
S2	.80000	.82299	.023	2.87	.06054	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



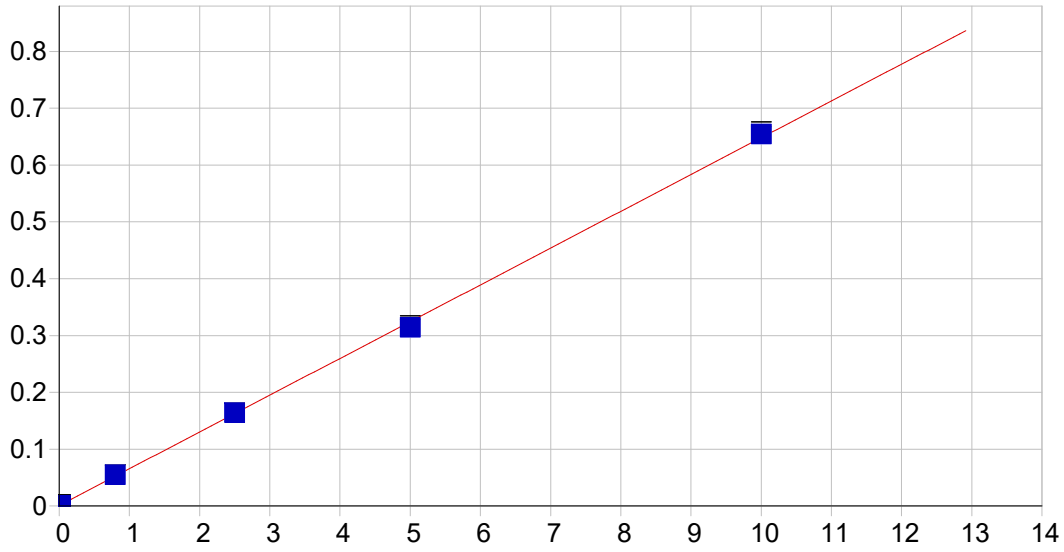
Pb 220.353 {453}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000253	Re-Slope:	1.000000
A1 (Gain):	0.247045	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999549	Status:	OK.
Std Error of Est:	0.000135		
Predicted MDL:	0.001261		
Predicted MQL:	0.004202		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.01200	.01179	-.000	-1.77	.00260	.000	1
S3	2.5000	2.5253	.025	1.01	.62294	.003	1
S4	5.0000	4.7583	-.242	-4.83	1.1739	.009	1
S5	10.000	10.188	.188	1.88	2.5140	.011	1
S2	.80000	.82830	.028	3.54	.20416	.001	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



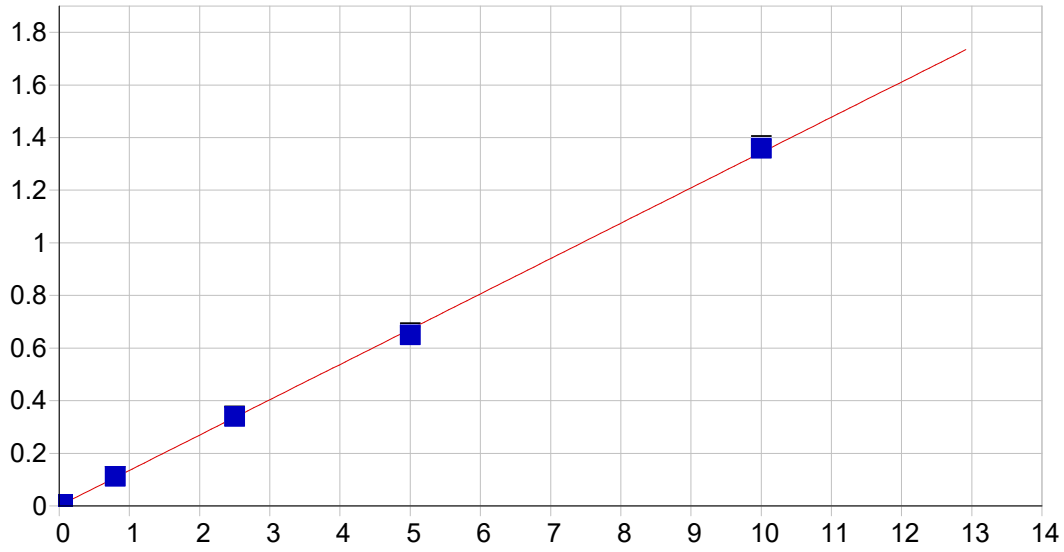
Se 196.090 {472}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000631	Re-Slope:	1.000000
A1 (Gain):	0.064749	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999784	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.003413		
Predicted MQL:	0.011378		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00063	.000	1
S1	.02000	.01848	-.002	-7.62	.00183	.000	1
S3	2.5000	2.5252	.025	1.01	.16408	.000	1
S4	5.0000	4.8421	-.158	-3.16	.31403	.003	1
S5	10.000	10.098	.098	.985	.65425	.004	1
S2	.80000	.83572	.036	4.46	.05472	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



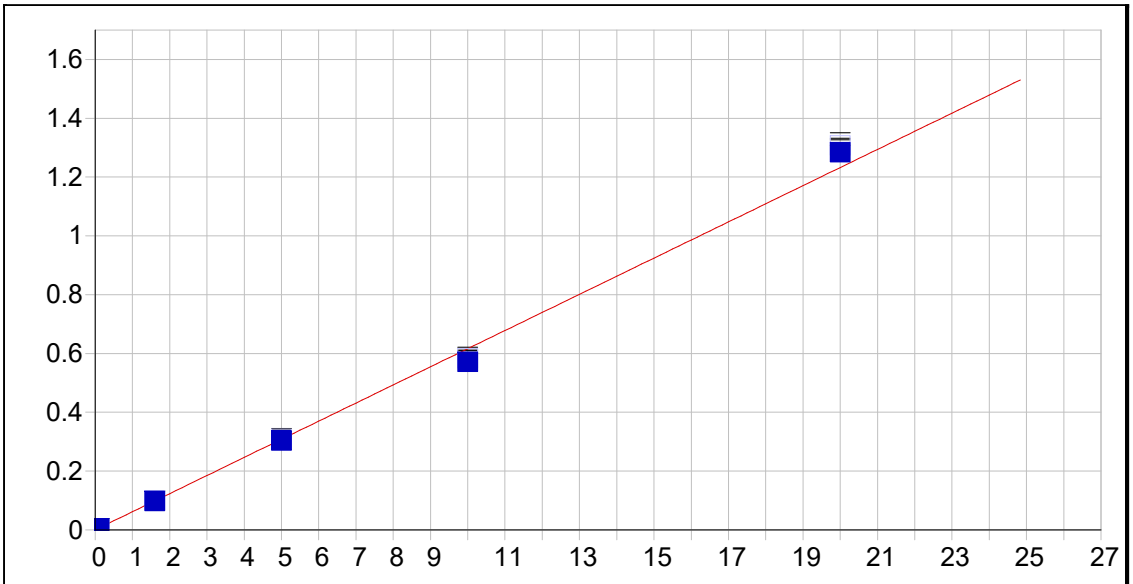
Sb 206.833 {463}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000631	Re-Slope:	1.000000
A1 (Gain):	0.134231	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999778	Status:	OK.
Std Error of Est:	0.000105		
Predicted MDL:	0.002020		
Predicted MQL:	0.006735		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00063	.000	1
S1	.05000	.04767	-.002	-4.65	.00704	.000	1
S3	2.5000	2.5232	.023	.929	.34024	.002	1
S4	5.0000	4.8326	-.167	-3.35	.65114	.007	1
S5	10.000	10.122	.122	1.22	1.3629	.007	1
S2	.80000	.82501	.025	3.13	.11166	.001	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



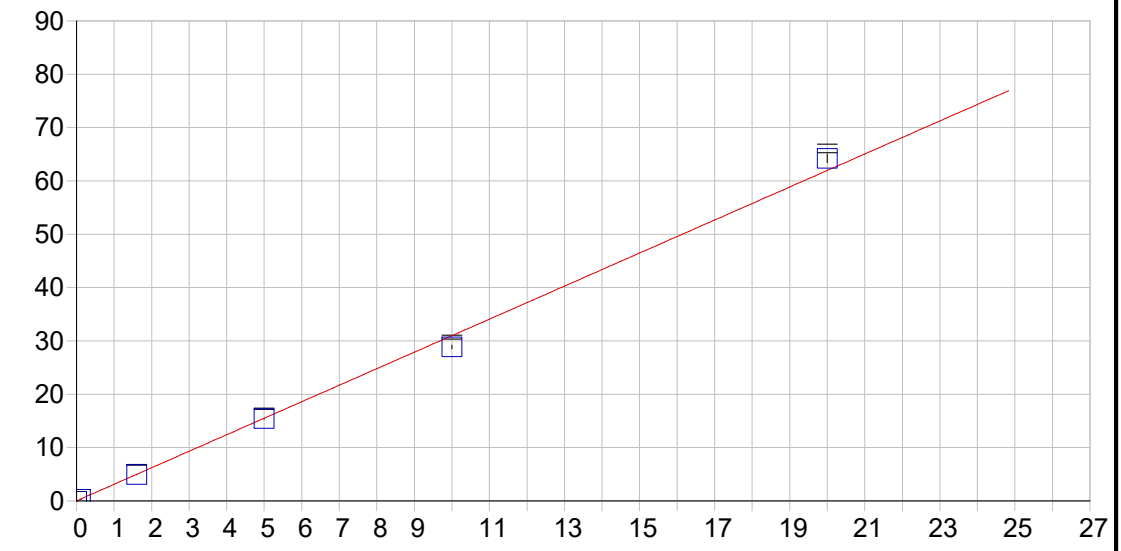
Al 396.152 { 85}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000244	Re-Slope:	1.000000
A1 (Gain):	0.061612	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998821	Status:	OK.
Std Error of Est:	0.000226		
Predicted MDL:	0.007623		
Predicted MQL:	0.025408		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00024	.000	1
S1	.10000	.10013	.000	.127	.00689	.000	1
S3	5.0000	4.9158	-.084	-1.68	.30909	.002	1
S4	10.000	9.2648	-.735	-7.35	.58302	.005	1
S5	20.000	20.832	.832	4.16	1.3076	.009	1
S2	1.6000	1.5877	-.012	-.771	.09998	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



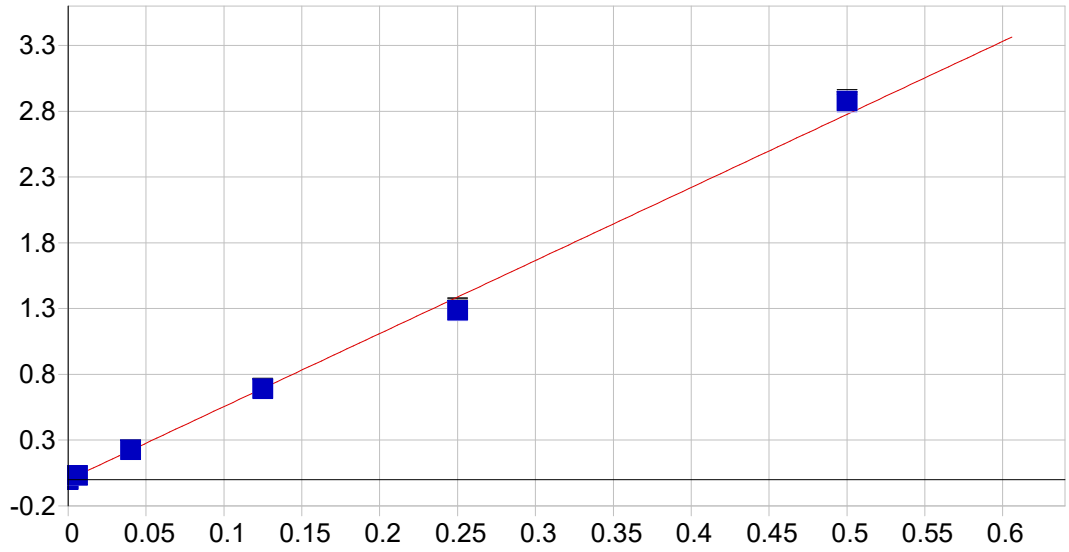
Ba 493.409 { 68}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.019121	Re-Slope:	1.000000
A1 (Gain):	3.096814	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998993	Status:	OK.
Std Error of Est:	0.010316		
Predicted MDL:	0.000577		
Predicted MQL:	0.001922		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01915	.002	1
S1	.10000	.09588	-.004	-4.12	.31606	.003	1
S3	5.0000	4.9742	-.026	-.516	15.423	.136	1
S4	10.000	9.3153	-.685	-6.85	28.867	.373	1
S5	20.000	20.731	.731	3.65	64.219	.792	1
S2	1.6000	1.5838	-.016	-1.01	4.9238	.040	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



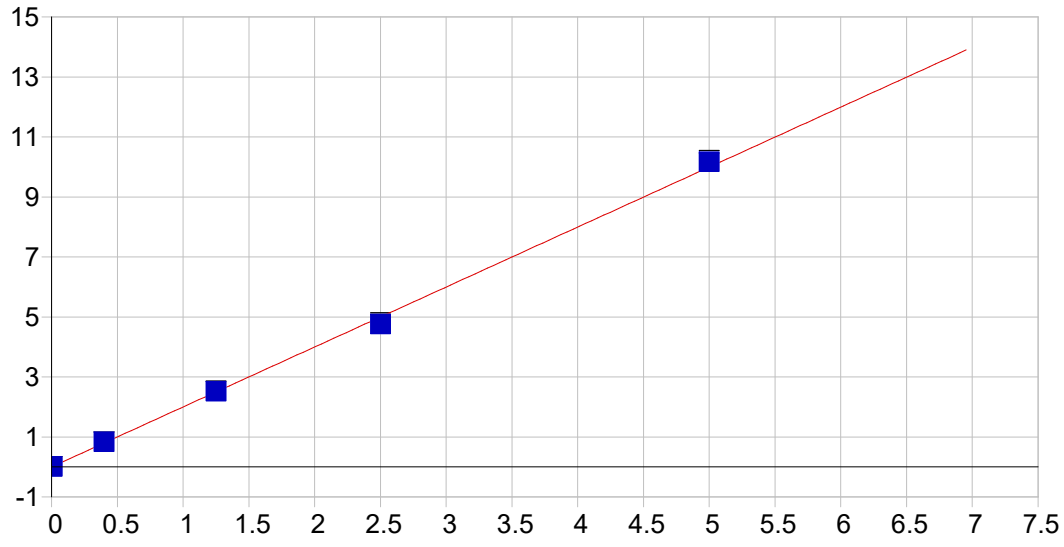
Be 234.861 {144}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000348	Re-Slope:	1.000000
A1 (Gain):	5.553075	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998888	Status:	OK.
Std Error of Est:	0.000751		
Predicted MDL:	0.000044		
Predicted MQL:	0.000145		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00035	.000	1
S1	.00600	.00566	-.000	-5.71	.03082	.000	1
S3	.12500	.12455	-.000	-.358	.68819	.005	1
S4	.25000	.23175	-.018	-7.30	1.2804	.018	1
S5	.50000	.51817	.018	3.63	2.8647	.011	1
S2	.04000	.04087	.001	2.16	.22559	.001	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



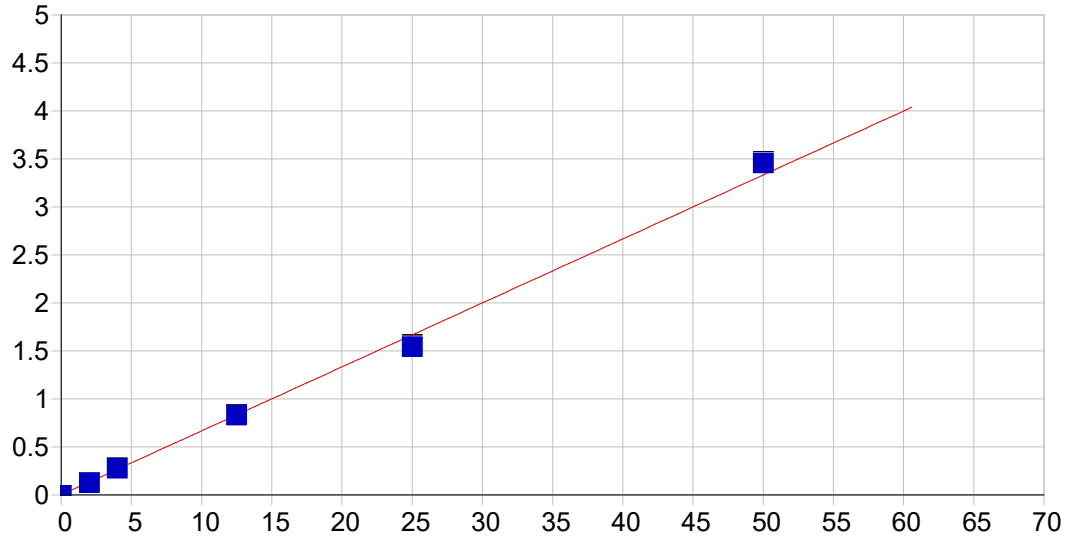
Cd 226.502 {449}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000167	Re-Slope:	1.000000
A1 (Gain):	1.998762	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999558	Status:	OK.
Std Error of Est:	0.000540		
Predicted MDL:	0.000118		
Predicted MQL:	0.000394		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.00600	.00599	-.000	-.121	.01186	.000	1
S3	1.2500	1.2597	.010	.775	2.5196	.009	1
S4	2.5000	2.3822	-.118	-4.71	4.7651	.041	1
S5	5.0000	5.0894	.089	1.79	10.180	.043	1
S2	.40000	.41875	.019	4.69	.83743	.002	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



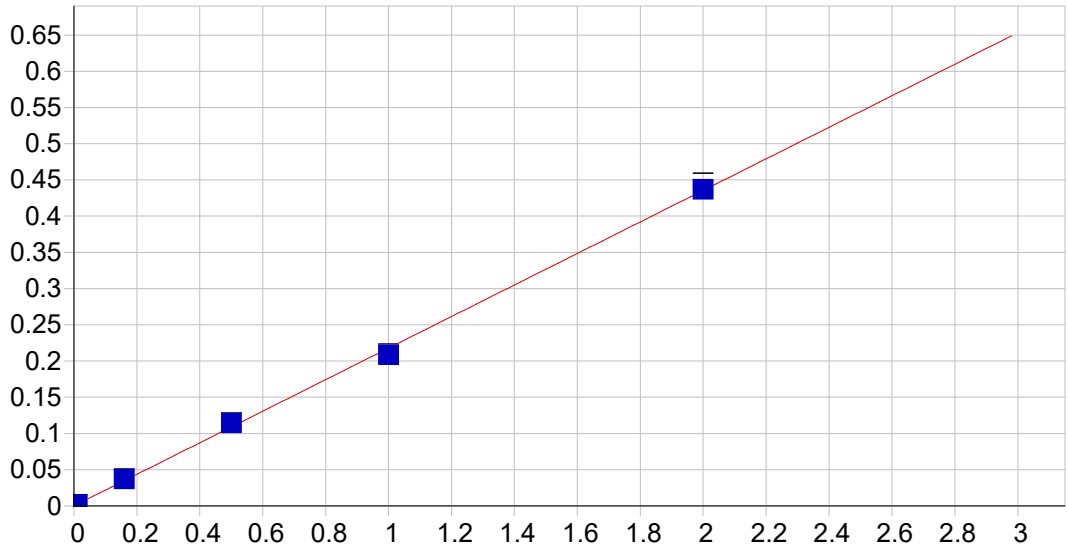
Ca 373.690 { 90}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001308	Re-Slope:	1.000000
A1 (Gain):	0.066626	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998847	Status:	OK.
Std Error of Est:	0.001694		
Predicted MDL:	0.007492		
Predicted MQL:	0.024975		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00012	.000	.000	.00132	.000	1
S2	4.0000	4.1438	.144	3.60	.27739	.002	1
S3	12.500	12.417	-.083	-.667	.82857	.007	1
S4	25.000	23.169	-1.83	-7.33	1.5449	.017	1
S5	50.000	51.877	1.88	3.75	3.4576	.015	1
S1	2.0000	1.8942	-.106	-5.29	.12751	.001	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



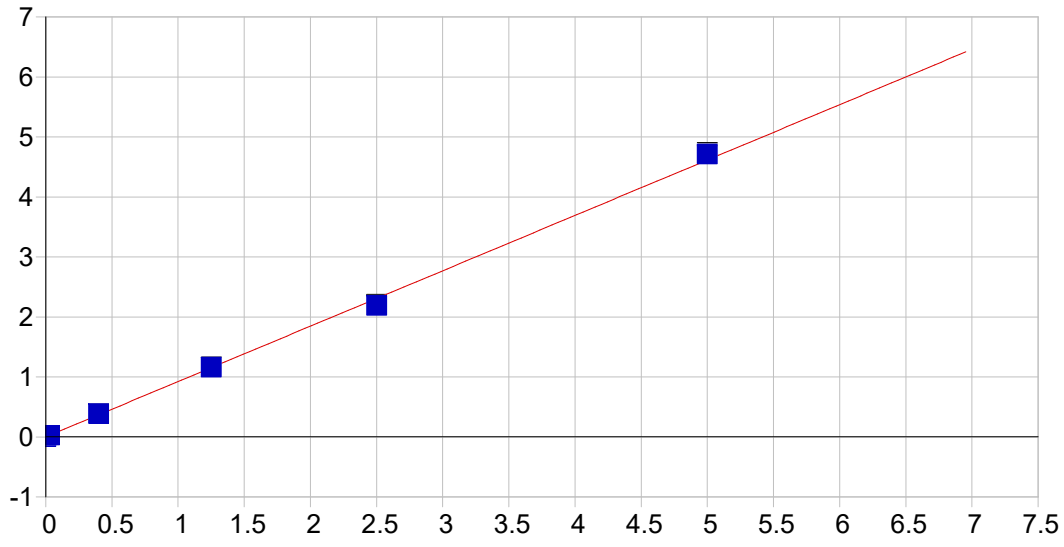
Cr 267.716 {126}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000082	Re-Slope:	1.000000
A1 (Gain):	0.217737	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999483	Status:	OK.
Std Error of Est:	0.000052		
Predicted MDL:	0.000380		
Predicted MQL:	0.001267		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.000	1
S1	.01000	.00949	-.001	-5.14	.00215	.000	1
S3	.50000	.52571	.026	5.14	.11458	.000	1
S4	1.0000	.95776	-.042	-4.22	.20869	.001	1
S5	2.0000	2.0069	.007	.347	.43719	.009	1
S2	.16000	.17012	.010	6.32	.03713	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



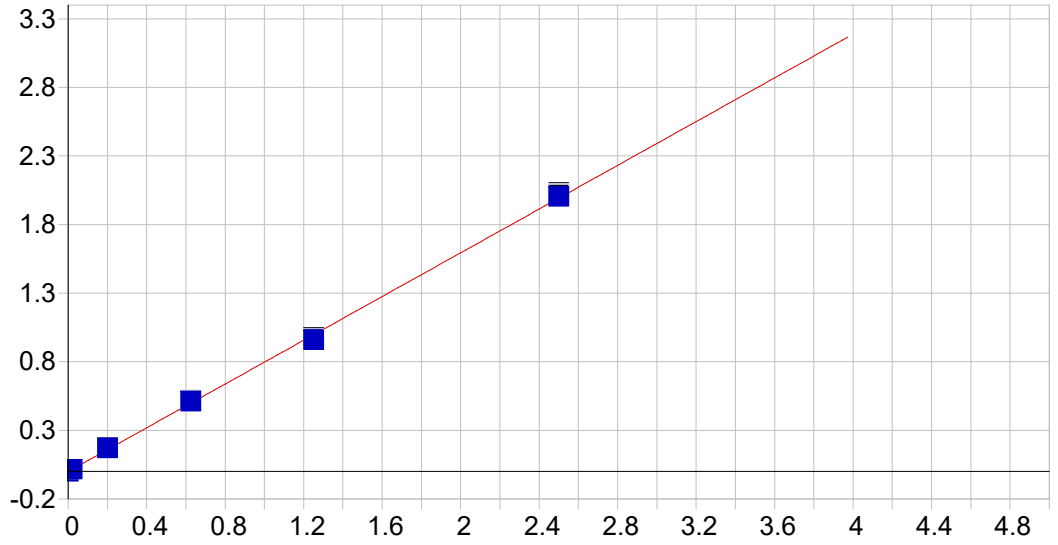
Co 228.616 {448}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000072	Re-Slope:	1.000000
A1 (Gain):	0.922892	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999492	Status:	OK.
Std Error of Est:	0.000599		
Predicted MDL:	0.000228		
Predicted MQL:	0.000760		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00007	.000	1
S1	.03000	.02948	-.001	-1.73	.02716	.000	1
S3	1.2500	1.2589	.009	.709	1.1638	.004	1
S4	2.5000	2.3724	-.128	-5.10	2.1934	.018	1
S5	5.0000	5.1030	.103	2.06	4.7175	.023	1
S2	.40000	.41623	.016	4.06	.38484	.001	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



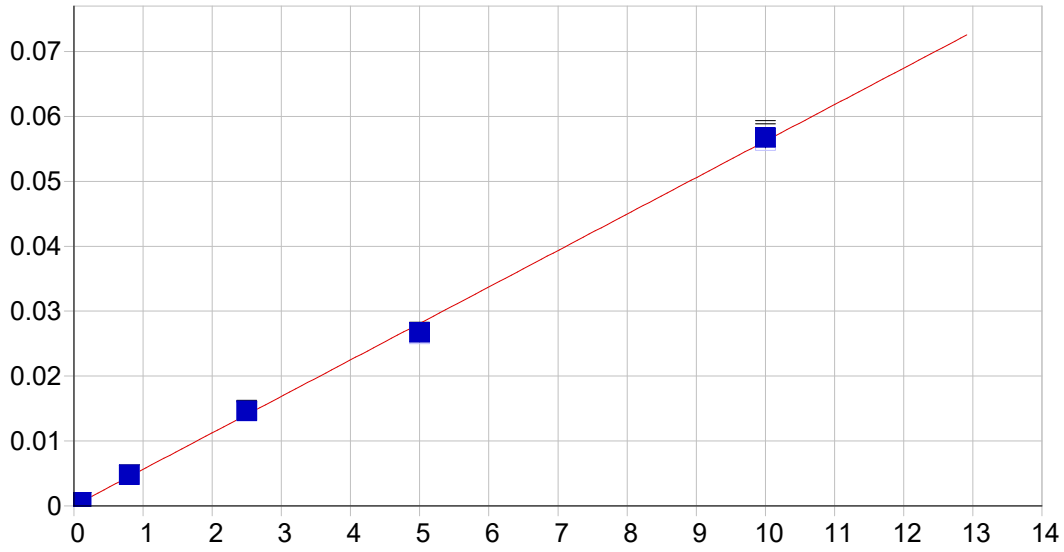
Cu 224.700 {450}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000018	Re-Slope:	1.000000
A1 (Gain):	0.797146	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999650	Status:	OK.
Std Error of Est:	0.000250		
Predicted MDL:	0.000422		
Predicted MQL:	0.001405		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00002	.000	1
S1	.02000	.02137	.001	6.83	.01722	.000	1
S3	.62500	.64189	.017	2.70	.51641	.002	1
S4	1.2500	1.2030	-.047	-3.76	.96848	.008	1
S5	2.5000	2.5155	.015	.620	2.0242	.010	1
S2	.20000	.21320	.013	6.60	.17145	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



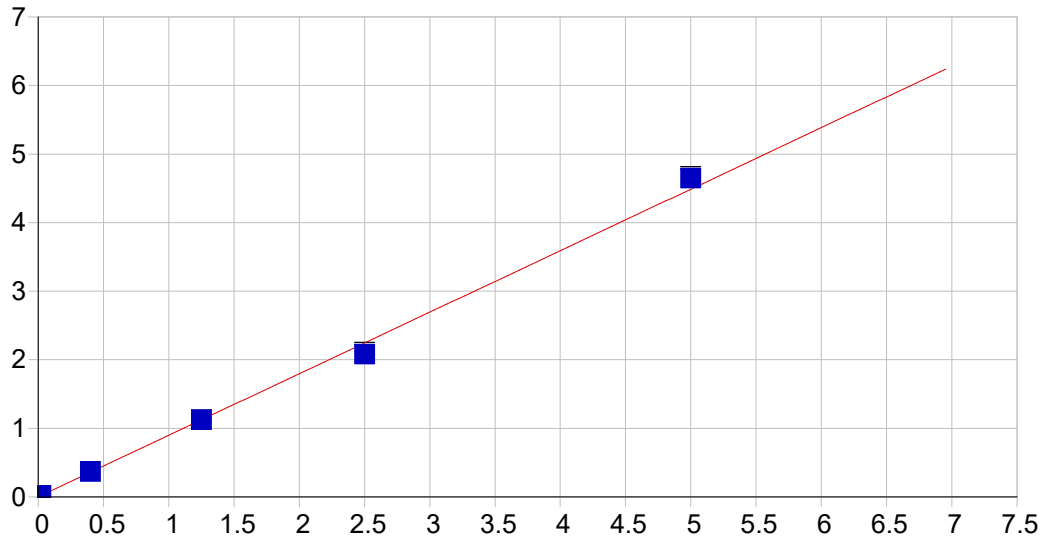
Fe 240.488 {140}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000020	Re-Slope:	1.000000
A1 (Gain):	0.005617	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999420	Status:	OK.
Std Error of Est:	0.000010		
Predicted MDL:	0.004812		
Predicted MQL:	0.016040		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00002	.000	1
S1	.10000	.09888	-.001	-1.12	.00057	.000	1
S3	2.5000	2.6044	.104	4.18	.01453	.000	1
S4	5.0000	4.7502	-.250	-5.00	.02646	.000	1
S5	10.000	10.096	.096	.957	.05625	.001	1
S2	.80000	.85079	.051	6.35	.00476	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



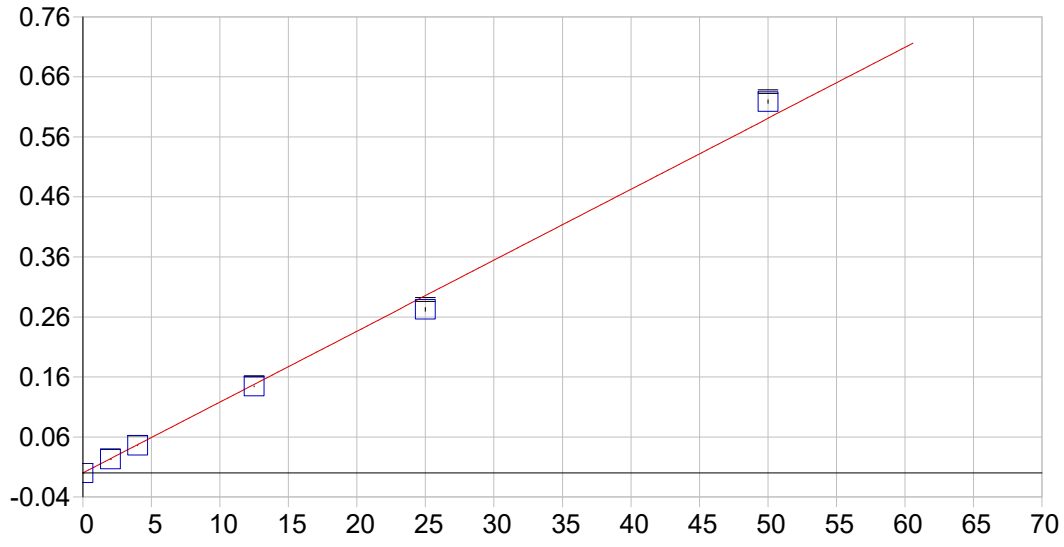
Mn 257.610 {131}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002117	Re-Slope:	1.000000
A1 (Gain):	0.897142	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998913	Status:	OK.
Std Error of Est:	0.000694		
Predicted MDL:	0.000235		
Predicted MQL:	0.000784		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00212	.000	1
S1	.02000	.01986	-.000	-.715	.01994	.000	1
S3	1.2500	1.2488	-.001	-.097	1.1227	.008	1
S4	2.5000	2.3161	-.184	-7.36	2.0804	.027	1
S5	5.0000	5.1769	.177	3.54	4.6475	.025	1
S2	.40000	.40837	.008	2.09	.36856	.002	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



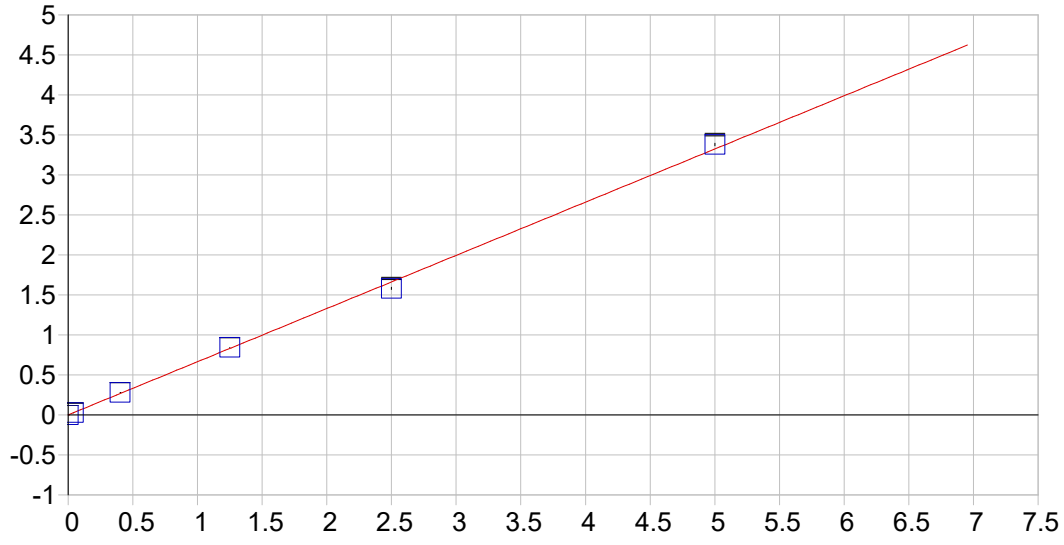
Mg 279.079 {121}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000200	Re-Slope:	1.000000
A1 (Gain):	0.011823	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998565	Status:	OK.
Std Error of Est:	0.000335		
Predicted MDL:	0.017925		
Predicted MQL:	0.059751		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00021	.000	.000	-.00020	.000	1
S2	4.0000	3.8815	-.118	-2.96	.04569	.000	1
S3	12.500	12.227	-.273	-2.19	.14436	.001	1
S4	25.000	23.080	-1.92	-7.68	.27269	.003	1
S5	50.000	52.354	2.35	4.71	.61880	.003	1
S1	2.0000	1.9572	-.043	-2.14	.02294	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



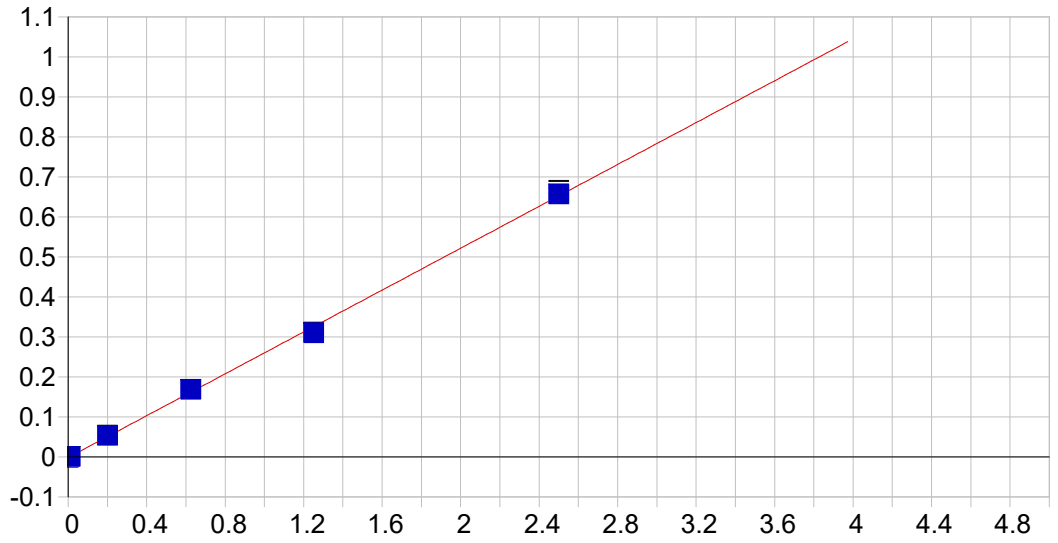
Ni 231.604 {446}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000214	Re-Slope:	1.000000
A1 (Gain):	0.664755	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999524	Status:	OK.
Std Error of Est:	0.000481		
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	.00021	.000	1
S1	.04000	.03918	-.001	-2.05	.02626	.000	1
S3	1.2500	1.2667	.017	1.34	.84226	.003	1
S4	2.5000	2.3781	-.122	-4.88	1.5811	.013	1
S5	5.0000	5.0847	.085	1.69	3.3803	.016	1
S2	.40000	.42132	.021	5.33	.28029	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



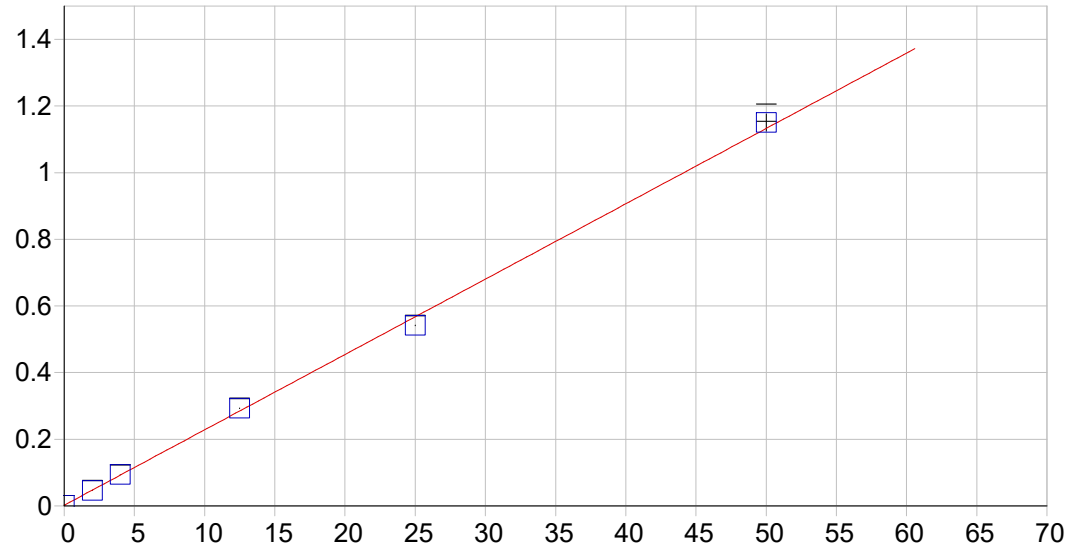
Ag 328.068 {103}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001627	Re-Slope:	1.000000
A1 (Gain):	0.261664	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999507	Status:	OK.
Std Error of Est:	0.000068		
Predicted MDL:	0.000411		
Predicted MQL:	0.001371		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00163	.000	1
S1	.01000	.01002	.000	.177	.00098	.000	1
S3	.62500	.64980	.025	3.97	.16774	.001	1
S4	1.2500	1.1928	-.057	-4.57	.30917	.001	1
S5	2.5000	2.5203	.020	.810	.65518	.008	1
S2	.20000	.21208	.012	6.04	.05365	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



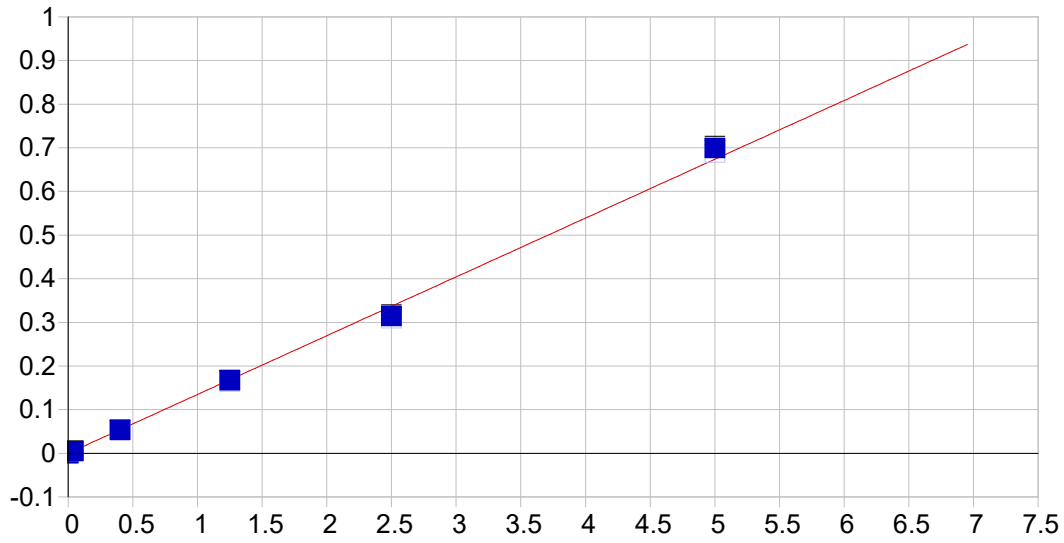
Na 589.592 { 57}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002217	Re-Slope:	1.000000
A1 (Gain):	0.022610	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999594	Status:	OK.
Std Error of Est:	0.000341		
Predicted MDL:	0.008048		
Predicted MQL:	0.026826		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00222	.000	1
S2	4.0000	4.0563	.056	1.41	.09393	.001	1
S3	12.500	12.842	.342	2.74	.29257	.001	1
S4	25.000	23.854	-1.15	-4.58	.54156	.001	1
S5	50.000	50.788	.788	1.58	1.1505	.026	1
S1	2.0000	1.9597	-.040	-2.02	.04652	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



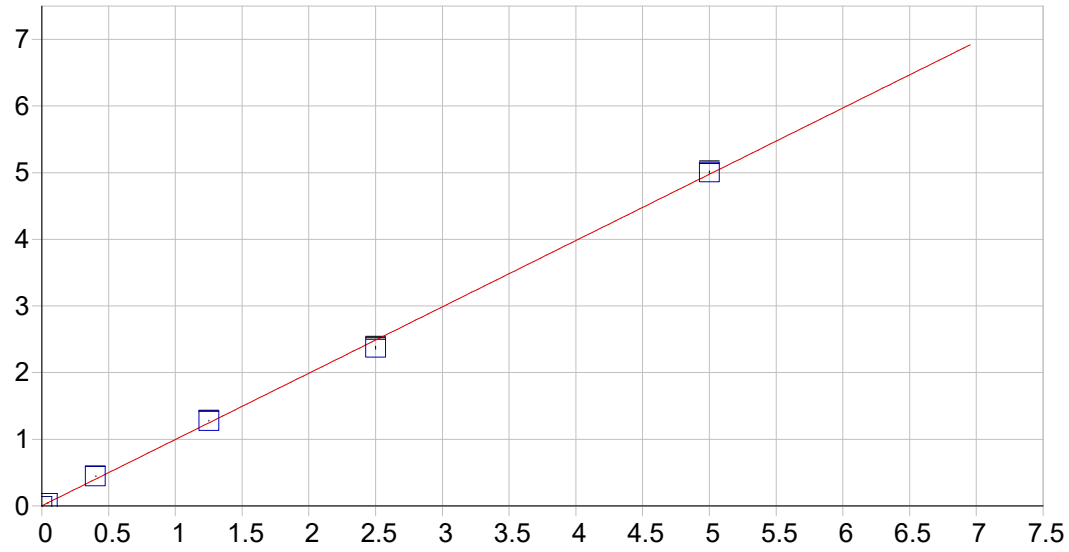
V 292.402 {115}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000003	Re-Slope:	1.000000
A1 (Gain):	0.134745	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998954	Status:	OK.
Std Error of Est:	0.000143		
Predicted MDL:	0.001604		
Predicted MQL:	0.005347		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00000	.000	1
S1	.04000	.03883	-.001	-2.92	.00503	.000	1
S3	1.2500	1.2374	-.013	-1.00	.16428	.001	1
S4	2.5000	2.3320	-.168	-6.72	.30931	.003	1
S5	5.0000	5.1886	.189	3.77	.68931	.005	1
S2	.40000	.39309	-.007	-1.73	.05218	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



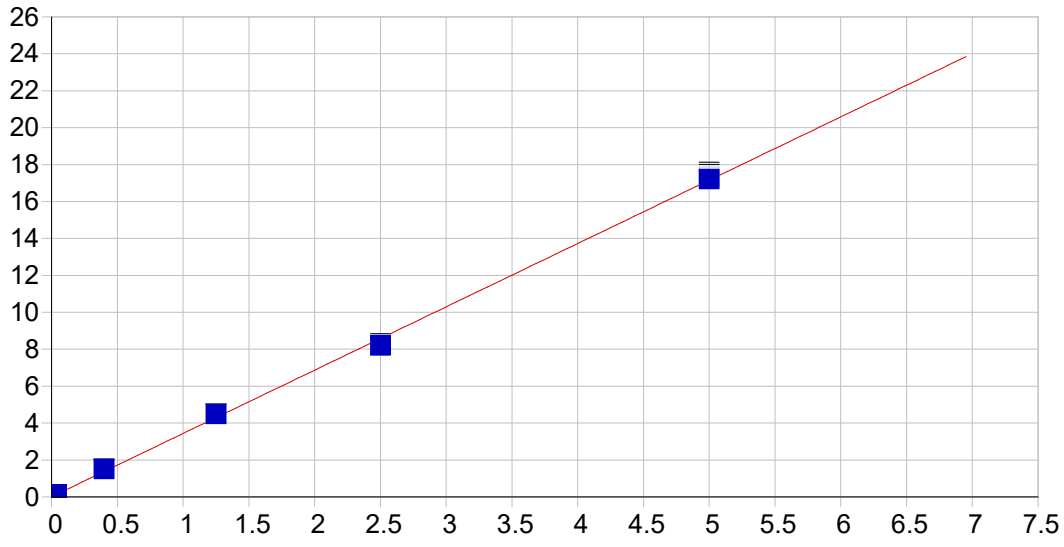
Zn 206.200 {464}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001424	Re-Slope:	1.000000
A1 (Gain):	0.994965	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999341	Status:	OK.
Std Error of Est:	0.000848		
Predicted MDL:	0.000217		
Predicted MQL:	0.000722		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00142	.000	1
S1	.04000	.04146	.001	3.66	.04268	.000	1
S3	1.2500	1.2839	.034	2.72	1.2789	.006	1
S4	2.5000	2.3857	-.114	-4.57	2.3751	.021	1
S5	5.0000	5.0310	.031	.620	5.0071	.020	1
S2	.40000	.44789	.048	12.0	.44705	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



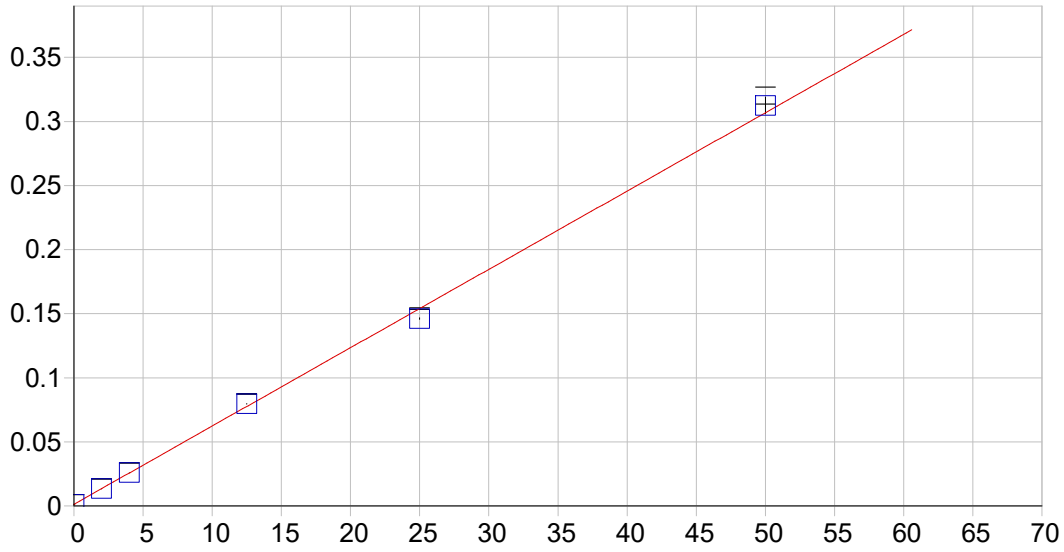
Zn 213.856 {158}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006123	Re-Slope:	1.000000
A1 (Gain):	3.429946	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999385	Status:	OK.
Std Error of Est:	0.002844		
Predicted MDL:	0.000254		
Predicted MQL:	0.000845		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00610	.000	1
S1	.04000	.04149	.001	3.72	.14938	.002	1
S3	1.2500	1.3058	.056	4.46	4.5146	.015	1
S4	2.5000	2.3870	-.113	-4.52	8.2530	.050	1
S5	5.0000	5.0170	.017	.339	17.333	.251	1
S2	.40000	.43880	.039	9.70	1.5207	.012	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



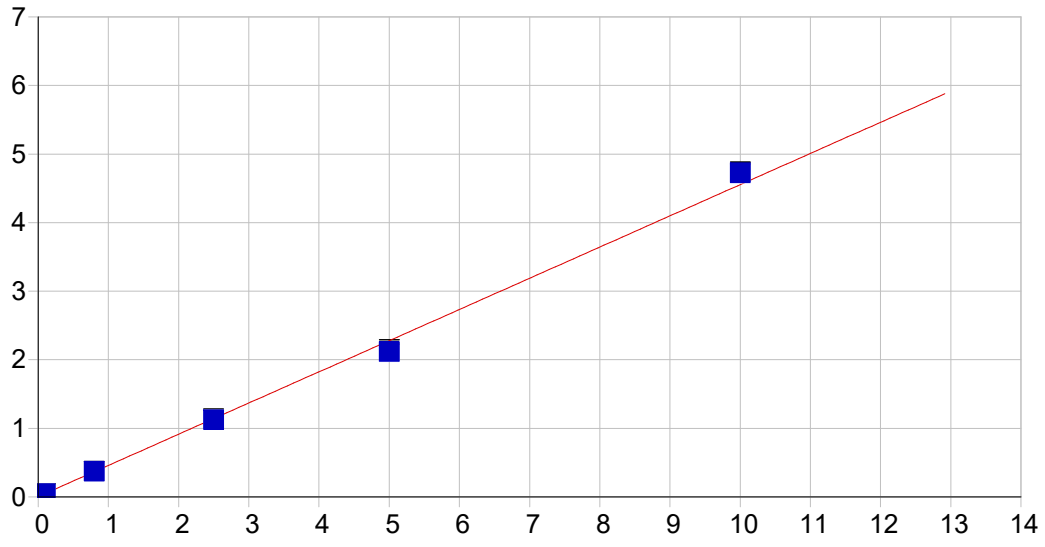
K 766.490 { 44}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001235	Re-Slope:	1.000000
A1 (Gain):	0.006111	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999504	Status:	OK.
Std Error of Est:	0.000102		
Predicted MDL:	0.034905		
Predicted MQL:	0.116351		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00123	.000	1
S2	4.0000	4.0299	.030	.746	.02586	.000	1
S3	12.500	12.837	.337	2.69	.07968	.000	1
S4	25.000	23.713	-1.29	-5.15	.14613	.001	1
S5	50.000	50.925	.925	1.85	.31242	.007	1
S1	2.0000	1.9955	-.004	-.224	.01343	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



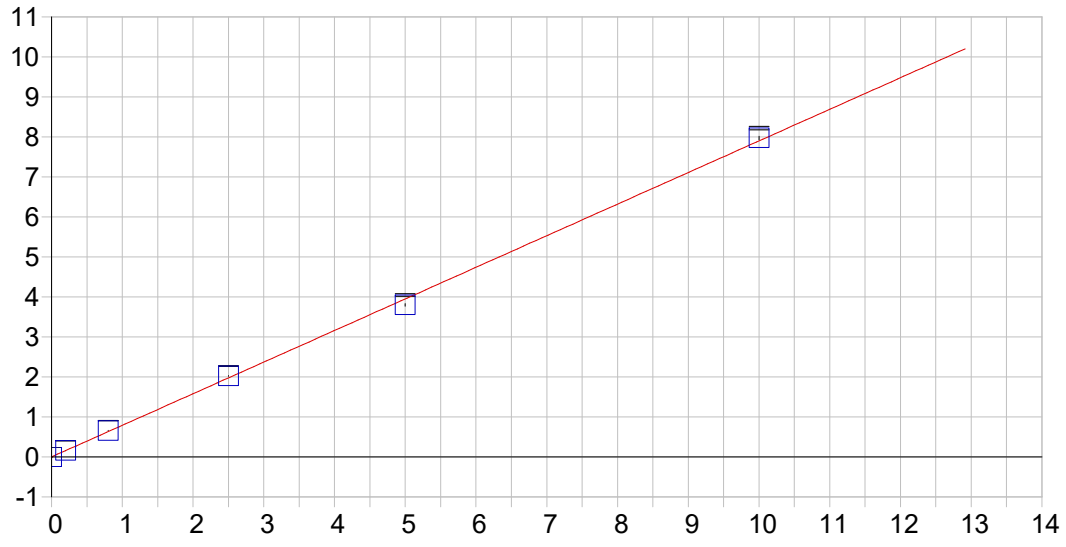
B 249.678 {135}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004053	Re-Slope:	1.000000
A1 (Gain):	0.454923	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998890	Status:	OK.
Std Error of Est:	0.001124		
Predicted MDL:	0.000613		
Predicted MQL:	0.002042		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00406	.000	1
S1	.10000	.09473	-.005	-5.27	.04695	.000	1
S3	2.5000	2.4673	-.033	-1.31	1.1243	.011	1
S4	5.0000	4.6448	-.355	-7.10	2.1126	.032	1
S5	10.000	10.384	.384	3.84	4.7189	.015	1
S2	.80000	.80958	.010	1.20	.37164	.002	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



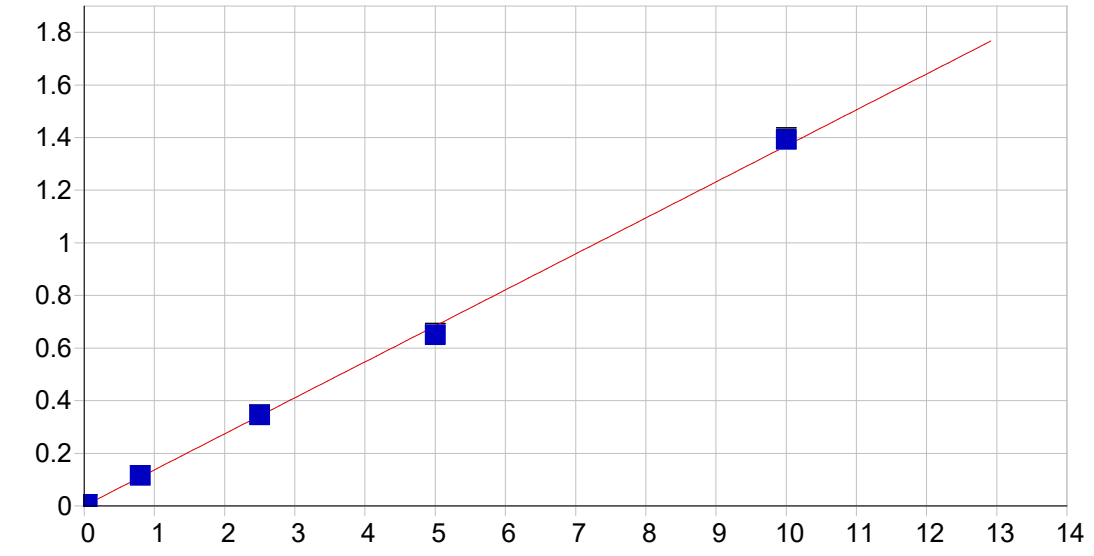
Mo 202.030 {467}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000113	Re-Slope:	1.000000
A1 (Gain):	0.789989	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999699	Status:	OK.
Std Error of Est:	0.001442		
Predicted MDL:	0.000291		
Predicted MQL:	0.000969		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00012	.000	1
S1	.20000	.19835	-.002	-.827	.15658	.001	1
S3	2.5000	2.5629	.063	2.52	2.0246	.008	1
S4	5.0000	4.8112	-.189	-3.78	3.8007	.033	1
S5	10.000	10.092	.092	.924	7.9727	.041	1
S2	.80000	.83519	.035	4.40	.65968	.002	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



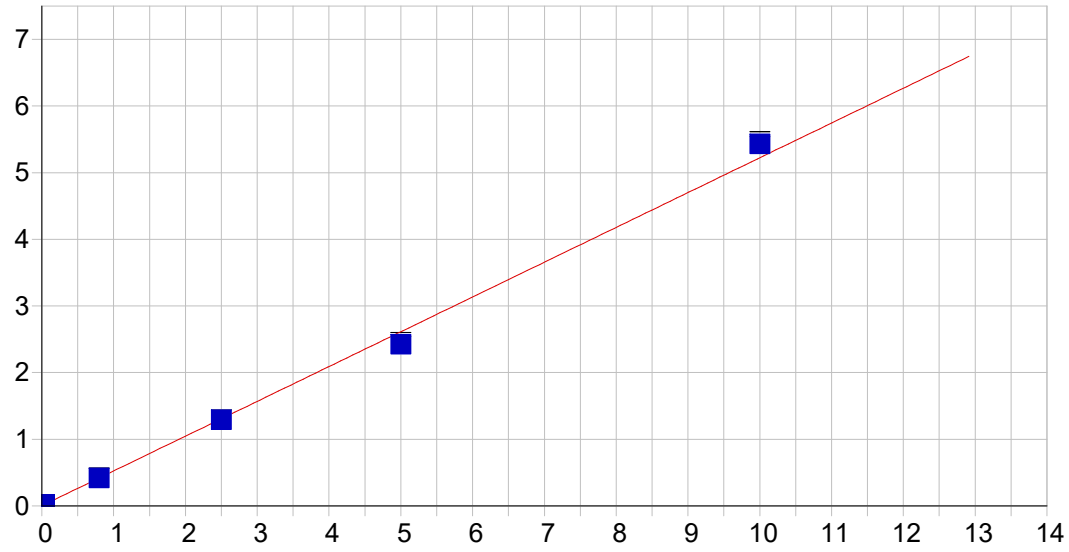
Sn 189.989 {478}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000291	Re-Slope:	1.000000
A1 (Gain):	0.136804	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999510	Status:	OK.
Std Error of Est:	0.000142		
Predicted MDL:	0.000834		
Predicted MQL:	0.002779		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00029	.000	1
S1	.04000	.03888	-.001	-2.80	.00560	.000	1
S3	2.5000	2.5268	.027	1.07	.34561	.002	1
S4	5.0000	4.7525	-.247	-4.95	.64975	.006	1
S5	10.000	10.181	.181	1.81	1.3917	.008	1
S2	.80000	.84095	.041	5.12	.11522	.001	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



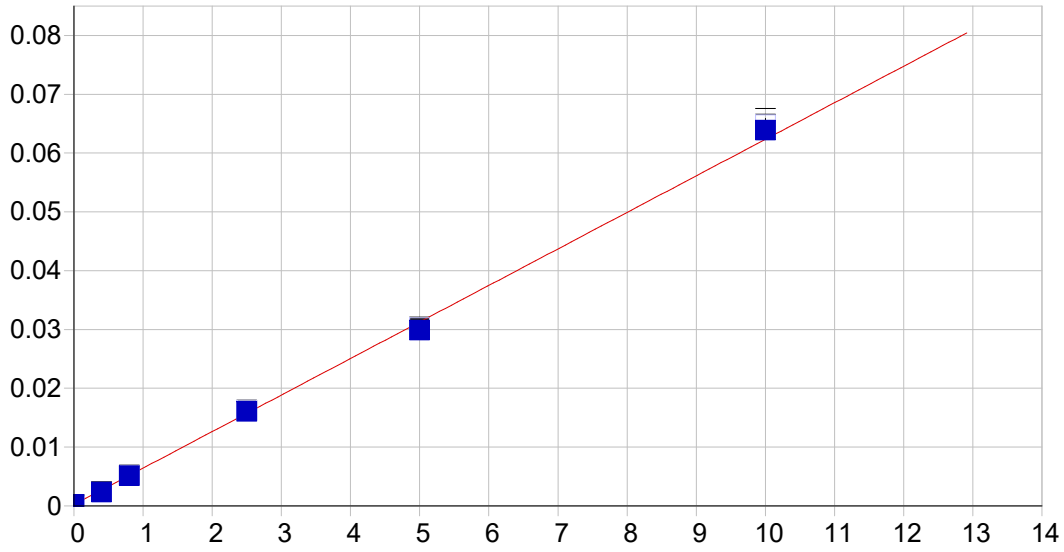
Ti 336.121 {100}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002206	Re-Slope:	1.000000
A1 (Gain):	0.522119	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998863	Status:	OK.
Std Error of Est:	0.000826		
Predicted MDL:	0.000607		
Predicted MQL:	0.002022		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00221	.000	1
S1	.04000	.03743	-.003	-6.42	.02173	.000	1
S3	2.5000	2.4665	-.034	-1.34	1.2895	.007	1
S4	5.0000	4.6438	-.356	-7.12	2.4259	.029	1
S5	10.000	10.396	.396	3.96	5.4285	.037	1
S2	.80000	.79580	-.004	-.526	.41755	.001	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



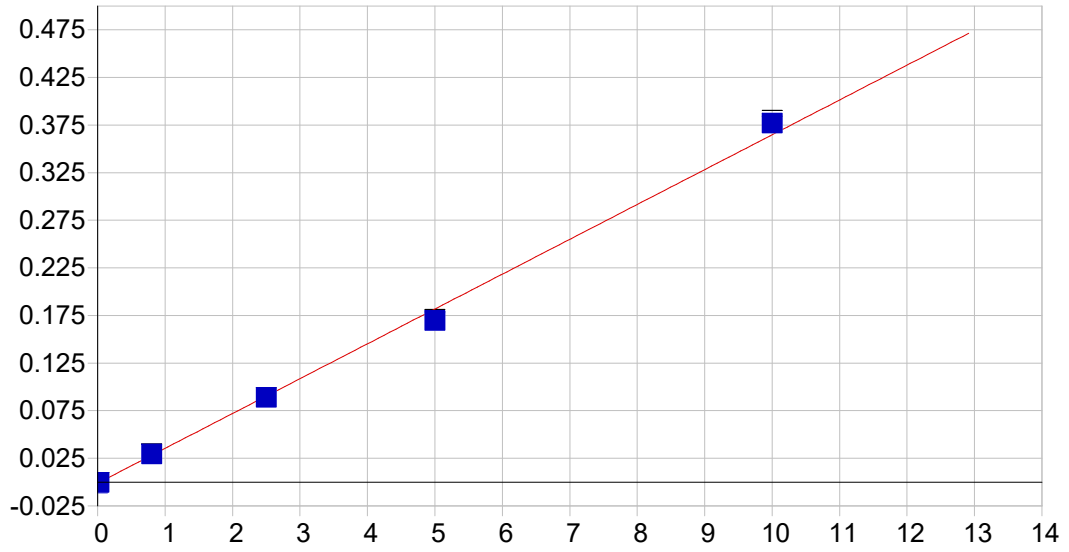
Si 288.158 {117}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000216	Re-Slope:	1.000000
A1 (Gain):	0.006212	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999344	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.007694		
Predicted MQL:	0.025648		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00006	.000	.000	.00022	.000	1
S1	.40000	.34360	-.056	-14.1	.00235	.000	1
S3	2.5000	2.5463	.046	1.85	.01627	.000	1
S4	5.0000	4.7719	-.228	-4.56	.03033	.000	1
S5	10.000	10.245	.245	2.45	.06479	.001	1
S2	.80000	.79279	-.007	-.902	.00522	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



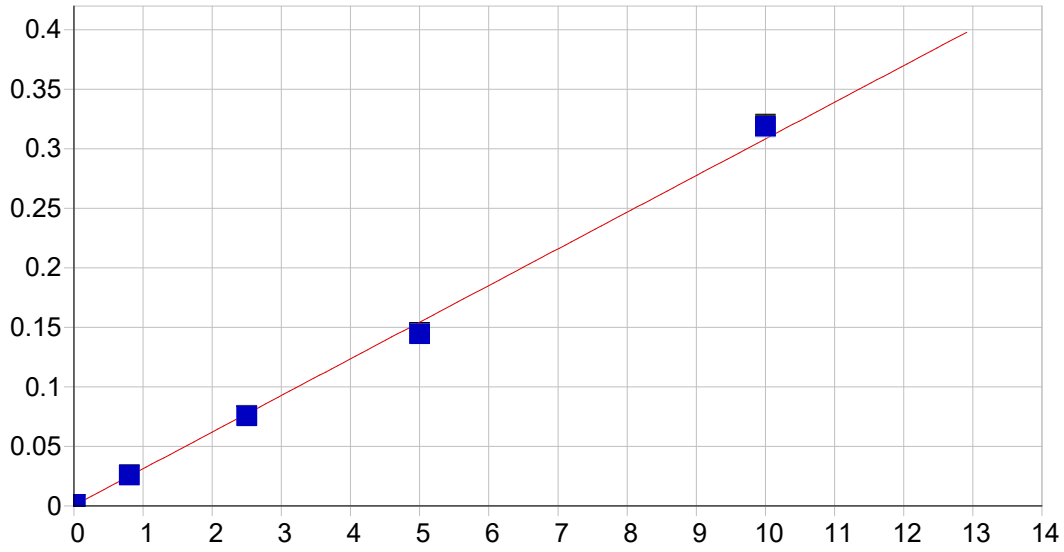
P 177.495 {490}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001148	Re-Slope:	1.000000
A1 (Gain):	0.036594	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999042	Status:	OK.
Std Error of Est:	0.000038		
Predicted MDL:	0.002755		
Predicted MQL:	0.009182		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00115	.000	1
S1	.02000	.02065	.001	3.25	-.00039	.000	1
S3	2.5000	2.4602	-.040	-1.59	.08887	.000	1
S4	5.0000	4.6703	-.330	-6.59	.16973	.001	1
S5	10.000	10.331	.331	3.31	.37687	.003	1
S2	.80000	.83749	.037	4.69	.02949	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



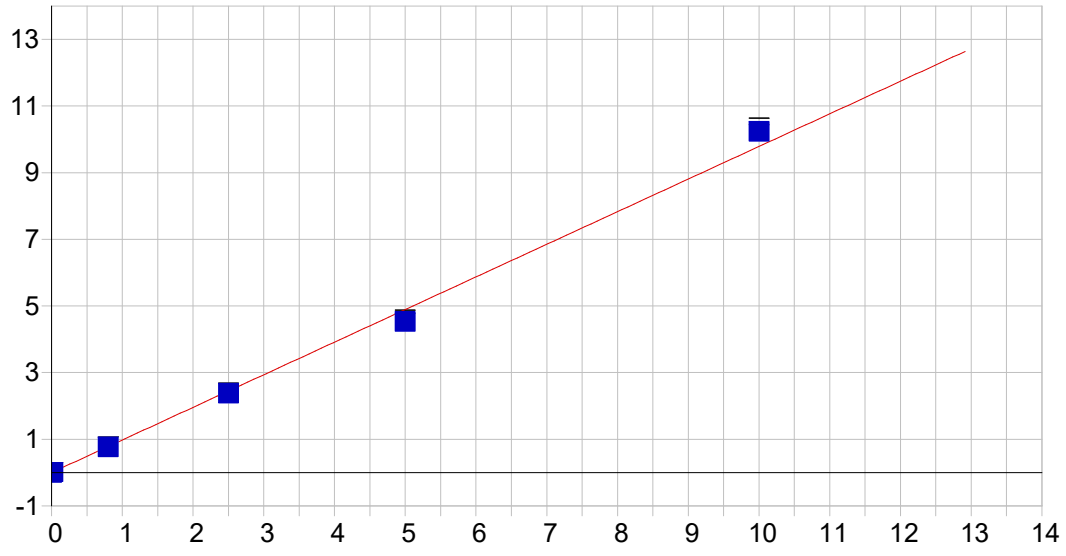
S 182.034 {485}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000427	Re-Slope:	1.000000
A1 (Gain):	0.030792	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999084	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.003353		
Predicted MQL:	0.011176		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00043	.000	1
S1	.02000	.02139	.001	6.94	.00106	.000	1
S3	2.5000	2.4425	-.057	-2.30	.07544	.000	1
S4	5.0000	4.6882	-.312	-6.24	.14439	.001	1
S5	10.000	10.343	.343	3.43	.31812	.002	1
S2	.80000	.82451	.025	3.06	.02575	.000	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



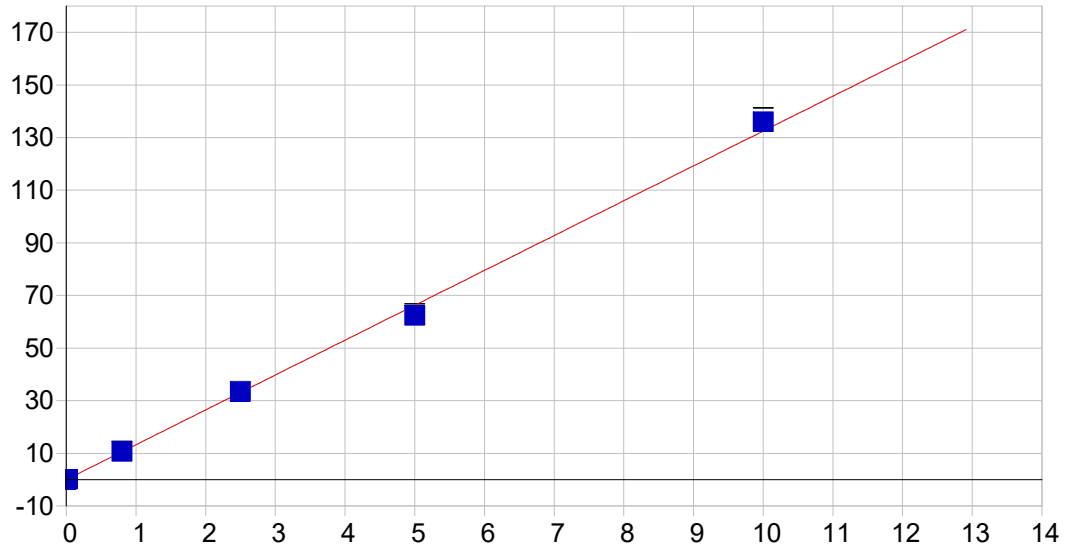
Li 670.784 { 50}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001114	Re-Slope:	1.000000
A1 (Gain):	0.978777	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998602	Status:	OK.
Std Error of Est:	0.001215		
Predicted MDL:	0.000956		
Predicted MQL:	0.003185		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00111	.000	1
S5	10.000	10.459	.459	4.59	10.245	.101	1
S4	5.0000	4.6263	-.374	-7.47	4.5314	.051	1
S3	2.5000	2.4292	-.071	-2.83	2.3787	.012	1
S1	.02000	.01781	-.002	-11.0	.01667	.000	1
S2	.80000	.78772	-.012	-1.53	.77059	.005	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



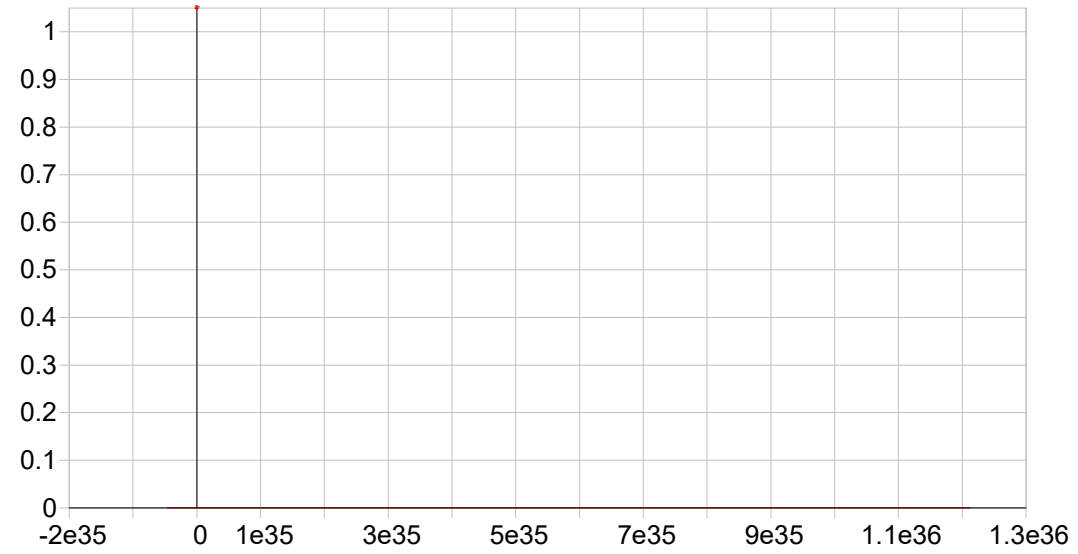
Sr 407.771 { 83}

Date of Fit:	12/30/2024 14:49:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000071	Re-Slope:	1.000000
A1 (Gain):	13.250091	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999335	Status:	OK.
Std Error of Est:	0.011340		
Predicted MDL:	0.000041		
Predicted MQL:	0.000136		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.02000	.01905	-.001	-4.76	.25378	.002	1
S3	2.5000	2.5192	.019	.770	33.413	.111	1
S4	5.0000	4.7076	-.292	-5.85	62.442	.631	1
S5	10.000	10.266	.266	2.66	136.15	1.46	1
S2	.80000	.80865	.009	1.08	10.725	.073	1

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

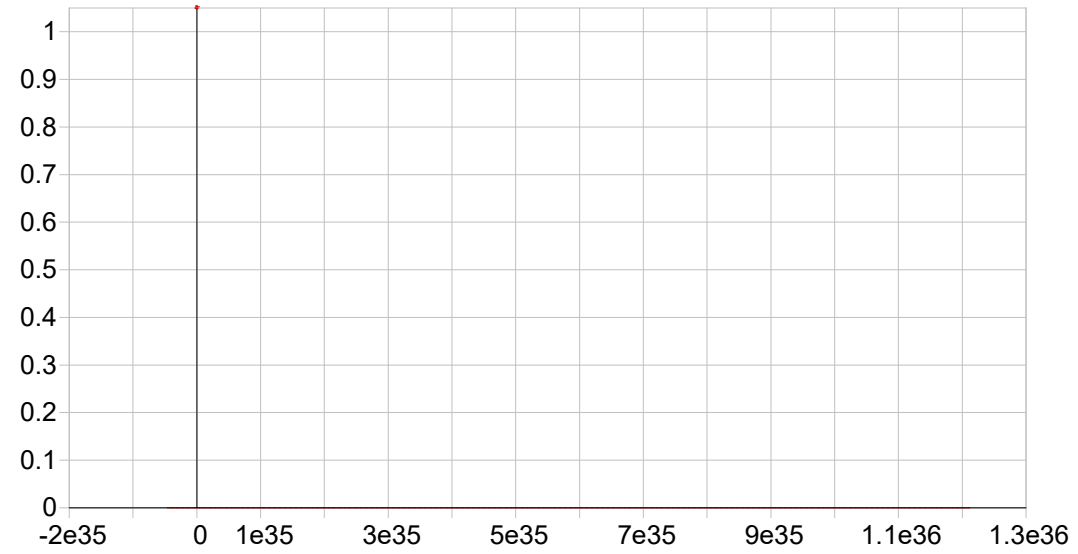


Y 224.306 {450}*

Date of Fit:	12/30/2024 14:49:59	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}*

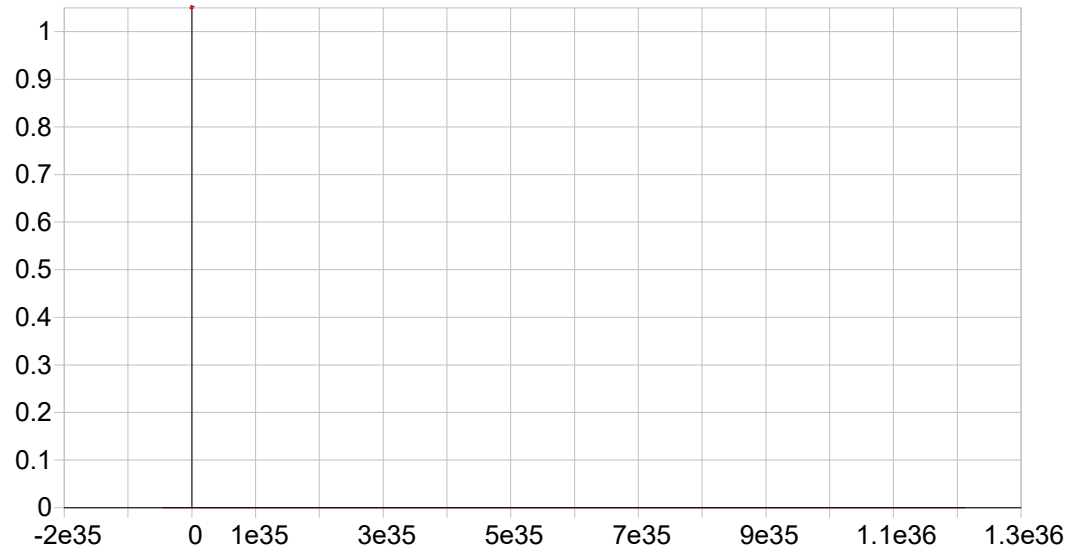
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

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



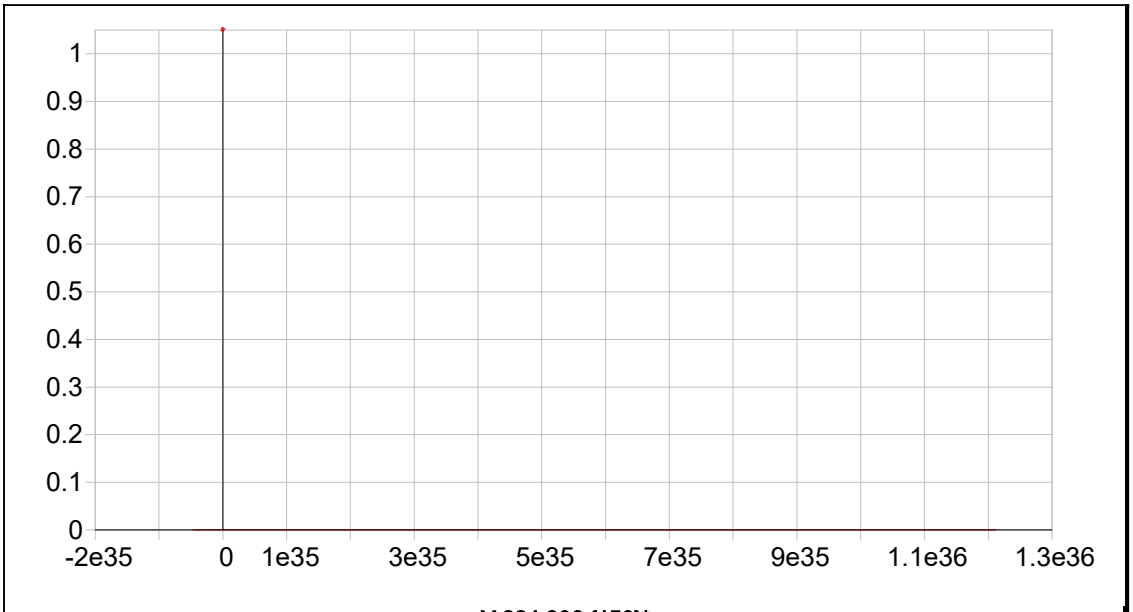
Y 371.030 { 91}*

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

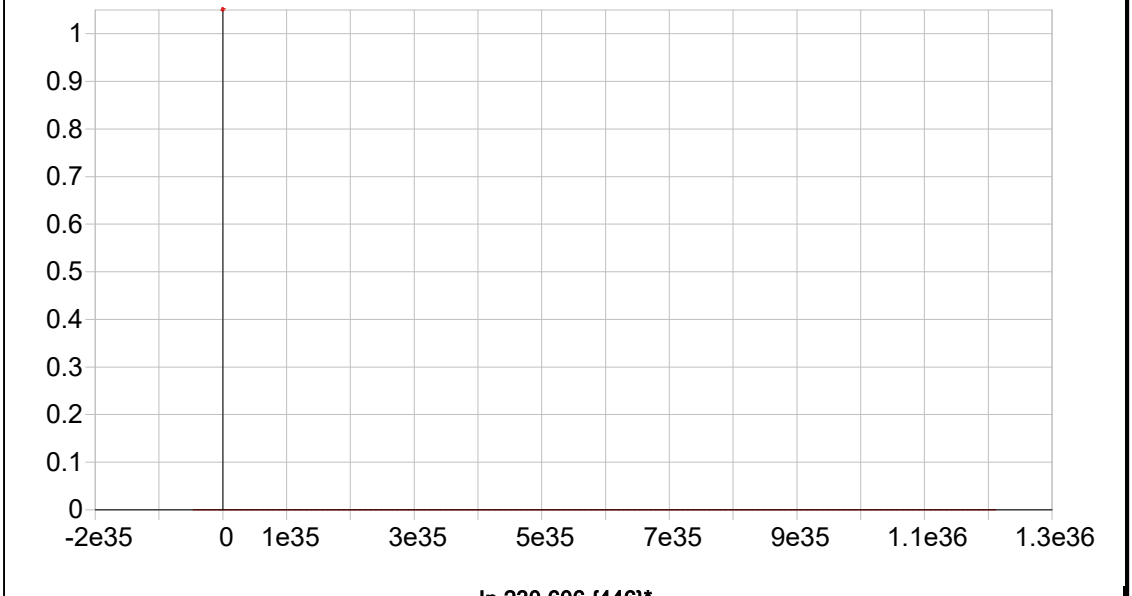
Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129



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:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

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:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S0 Acquired: 12/30/2024 13:54:31 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	-.00020	-.00015	-.00025	.00063	.00063	.00024	.01915	-.00035
Stddev	.00014	.00009	.00029	.00013	.00023	.00012	.00230	.00003
%RSD	66.908	56.643	112.55	19.852	35.842	48.334	12.001	7.9389
#1	-.00034	-.00007	-.00006	.00056	.00088	.00021	.01929	-.00038
#2	-.00021	-.00024	-.00012	.00056	.00044	.00038	.01678	-.00034
#3	-.00007	-.00015	-.00058	.00078	.00057	.00015	.02137	-.00033

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	-.00017	.00132	.00008	.00007	-.00002	.00002	.00212	-.00020
Stddev	.00006	.00014	.00006	.00013	.00031	.00001	.00017	.00003
%RSD	35.032	10.308	72.870	177.56	1561.7	37.114	8.0424	14.224
#1	-.00023	.00139	.00005	.00022	.00005	.00002	.00221	-.00023
#2	-.00013	.00139	.00015	-.00003	-.00036	.00003	.00192	-.00018
#3	-.00014	.00116	.00004	.00002	.00025	.00001	.00222	-.00018

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	-.00163	.00222	-.00000	.00610	.00123	.00406	-.00012
Stddev	.00024	.00006	.00020	.00011	.00010	.00013	.00015	.00005
%RSD	110.87	3.7908	9.0024	4283.6	1.7140	10.563	3.6425	44.568
#1	-.00003	-.00167	.00199	.00006	.00605	.00124	.00418	-.00014
#2	.00044	-.00165	.00234	-.00013	.00604	.00110	.00410	-.00006
#3	.00024	-.00156	.00232	.00007	.00623	.00136	.00389	-.00016

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	.00029	.00221	.00022	-.00115	.00043	-.00111	.00009
Stddev	.00008	.00016	.00003	.00004	.00003	.00030	.00047
%RSD	28.423	7.0205	12.677	3.7587	6.5254	26.922	541.45
#1	.00030	.00222	.00019	-.00111	.00041	-.00136	-.00003
#2	.00020	.00236	.00024	-.00114	.00042	-.00078	.00061
#3	.00037	.00205	.00022	-.00120	.00046	-.00119	-.00032

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S0 Acquired: 12/30/2024 13:54:31 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	2532.8	55918.	11724.	1874.8	3791.1
Stddev	14.3	239.	45.	17.0	20.5
%RSD	.56418	.42728	.38200	.90453	.54099
#1	2516.3	55670.	11731.	1855.2	3768.3
#2	2541.2	55938.	11765.	1885.4	3808.1
#3	2541.0	56146.	11676.	1883.7	3797.0

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S1 Acquired: 12/30/2024 13:58:55 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	.00107	.00260	.00260	.00183	.00704	.00689	.31606	.03082
Stddev	.00009	.00014	.00017	.00023	.00031	.00015	.00330	.00010
%RSD	8.2746	5.4114	6.6838	12.801	4.3955	2.1125	1.0428	.33286
#1	.00111	.00249	.00244	.00157	.00738	.00700	.31787	.03094
#2	.00097	.00255	.00278	.00189	.00698	.00673	.31805	.03076
#3	.00114	.00276	.00258	.00202	.00677	.00695	.31225	.03076

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	.01186	.12751	.00215	.02716	.01722	.00057	.01994	.02294
Stddev	.00020	.00108	.00004	.00032	.00026	.00001	.00039	.00008
%RSD	1.6651	.84627	1.6977	1.1833	1.5055	1.8017	1.9350	.34178
#1	.01164	.12875	.00219	.02728	.01749	.00056	.02017	.02289
#2	.01202	.12698	.00212	.02680	.01698	.00057	.01949	.02303
#3	.01193	.12680	.00213	.02741	.01718	.00058	.02016	.02290

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	.02626	.00098	.04652	.00503	.14938	.01343	.04695	.15658
Stddev	.00036	.00004	.00020	.00010	.00152	.00010	.00017	.00058
%RSD	1.3728	4.2051	.42973	1.9771	1.0201	.73515	.36937	.37332
#1	.02652	.00094	.04641	.00507	.14794	.01340	.04712	.15664
#2	.02585	.00102	.04640	.00491	.14923	.01334	.04678	.15597
#3	.02641	.00097	.04676	.00510	.15098	.01354	.04696	.15713

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	.00560	.02173	.00235	-.00039	.00106	.01667	.25378
Stddev	.00005	.00001	.00002	.00006	.00002	.00014	.00203
%RSD	.85851	.06819	.70865	14.653	1.5877	.85519	.80032
#1	.00556	.02175	.00235	-.00033	.00107	.01680	.25612
#2	.00565	.02173	.00234	-.00043	.00104	.01652	.25252
#3	.00560	.02172	.00237	-.00042	.00106	.01669	.25269

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S1 Acquired: 12/30/2024 13:58:55 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	2492.5	56786.	11837.	1928.5	3677.4
Stddev	8.3	202.	62.	1.4	16.1
%RSD	.33173	.35580	.52662	.07012	.43885
#1	2485.5	56647.	11769.	1927.3	3664.4
#2	2501.6	57018.	11851.	1930.0	3695.5
#3	2490.4	56693.	11891.	1928.3	3672.3

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S2 Acquired: 12/30/2024 14:03:17 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	.05470	.06054	.20416	.05472	.11166	.09998	4.9238	.22559
Stddev	.00013	.00046	.00063	.00020	.00056	.00036	.0396	.00110
%RSD	.23370	.76094	.30752	.37119	.49899	.35522	.80326	.48913
#1	.05455	.06002	.20369	.05464	.11119	.10027	4.8923	.22574
#2	.05475	.06070	.20391	.05458	.11153	.09958	4.9110	.22442
#3	.05479	.06089	.20487	.05496	.11228	.10008	4.9682	.22661

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	.83743	.27739	.03713	.38484	.17145	.00476	.36856	.04569
Stddev	.00179	.00233	.00020	.00113	.00027	.00004	.00197	.00028
%RSD	.21412	.83881	.53671	.29410	.15884	.74281	.53353	.62107
#1	.83712	.27545	.03690	.38407	.17138	.00473	.36723	.04573
#2	.83582	.27676	.03727	.38430	.17123	.00480	.36762	.04539
#3	.83936	.27997	.03723	.38614	.17175	.00476	.37082	.04596

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	.28029	.05365	.09393	.05218	1.5207	.02586	.37164	.65968
Stddev	.00017	.00021	.00060	.00043	.0120	.00021	.00247	.00173
%RSD	.06089	.40004	.63896	.81989	.78563	.80899	.66488	.26191
#1	.28042	.05358	.09334	.05184	1.5083	.02564	.37275	.65792
#2	.28010	.05390	.09454	.05203	1.5321	.02605	.36880	.65974
#3	.28035	.05349	.09391	.05266	1.5217	.02589	.37336	.66138

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	.11522	.41755	.00522	.02949	.02575	.77059	10.725
Stddev	.00050	.00150	.00002	.00020	.00014	.00507	.073
%RSD	.43446	.35843	.33489	.68752	.53199	.65811	.67884
#1	.11480	.41708	.00520	.02927	.02583	.76749	10.683
#2	.11510	.41635	.00523	.02955	.02559	.76785	10.684
#3	.11578	.41923	.00521	.02966	.02583	.77645	10.809

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S2 Acquired: 12/30/2024 14:03:17 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	2433.6	56237.	11469.	1906.0	3571.9
Stddev	7.8	296.	47.	16.8	10.5
%RSD	.32021	.52690	.40602	.88181	.29372
#1	2425.0	56331.	11440.	1921.8	3560.5
#2	2440.2	55906.	11523.	1888.4	3581.1
#3	2435.5	56476.	11445.	1907.9	3574.0

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S3 Acquired: 12/30/2024 14:07:28 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	.16504	.18720	.62294	.16408	.34024	.30909	15.423	.68819
Stddev	.00098	.00143	.00285	.00036	.00165	.00193	.136	.00512
%RSD	.59434	.76124	.45827	.21991	.48602	.62375	.88296	.74434
#1	.16391	.18678	.62030	.16366	.33869	.31101	15.561	.69363
#2	.16546	.18603	.62255	.16432	.34005	.30716	15.289	.68346
#3	.16573	.18878	.62597	.16424	.34198	.30910	15.420	.68749

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	2.5196	.82857	.11458	1.1638	.51641	.01453	1.1227	.14436
Stddev	.0087	.00729	.00021	.0039	.00218	.00009	.0083	.00080
%RSD	.34643	.87963	.18678	.33781	.42162	.59118	.74079	.55241
#1	2.5120	.83600	.11440	1.1606	.51475	.01444	1.1320	.14504
#2	2.5176	.82143	.11482	1.1627	.51560	.01461	1.1159	.14348
#3	2.5291	.82829	.11453	1.1682	.51888	.01454	1.1202	.14456

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	.84226	.16774	.29257	.16428	4.5146	.07968	1.1243	2.0246
Stddev	.00325	.00060	.00100	.00103	.0149	.00021	.0106	.0076
%RSD	.38580	.35682	.34213	.62678	.32995	.26050	.94451	.37787
#1	.83954	.16777	.29168	.16540	4.5292	.07951	1.1361	2.0174
#2	.84138	.16832	.29365	.16338	4.5153	.07991	1.1157	2.0236
#3	.84586	.16713	.29239	.16406	4.4994	.07961	1.1210	2.0326

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	.34561	1.2895	.01627	.08887	.07544	2.3787	33.413
Stddev	.00160	.0074	.00002	.00010	.00037	.0121	.111
%RSD	.46399	.57538	.12299	.11091	.49448	.51029	.33123
#1	.34450	1.2980	.01625	.08881	.07513	2.3914	33.527
#2	.34488	1.2842	.01629	.08881	.07533	2.3672	33.408
#3	.34745	1.2864	.01626	.08898	.07585	2.3776	33.306

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S3 Acquired: 12/30/2024 14:07:28 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	2488.1	55659.	11642.	1847.2	3676.9
Stddev	4.7	144.	119.	2.8	2.8
%RSD	.19038	.25941	1.0213	.15225	.07700
#1	2493.6	55558.	11506.	1845.1	3679.2
#2	2485.3	55595.	11729.	1846.1	3677.9
#3	2485.5	55824.	11689.	1850.4	3673.8

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S4 Acquired: 12/30/2024 14:11:45 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	.31527	.34988	1.1739	.31403	.65114	.58302	28.867	1.2804
Stddev	.00212	.00507	.0095	.00291	.00669	.00467	.373	.0184
%RSD	.67362	1.4489	.80485	.92590	1.0267	.80029	1.2937	1.4341
#1	.31680	.34952	1.1809	.31598	.65695	.58813	29.289	1.3011
#2	.31284	.34501	1.1632	.31069	.64383	.57899	28.733	1.2736
#3	.31615	.35512	1.1776	.31543	.65263	.58194	28.579	1.2664

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	4.7651	1.5449	.20869	2.1934	.96848	.02646	2.0804	.27269
Stddev	.0410	.0168	.00124	.0180	.00817	.00005	.0274	.00312
%RSD	.86058	1.0901	.59344	.82041	.84329	.20394	1.3156	1.1460
#1	4.7968	1.5644	.20993	2.2080	.97664	.02648	2.1120	.27629
#2	4.7188	1.5359	.20869	2.1733	.96030	.02651	2.0645	.27110
#3	4.7797	1.5346	.20745	2.1990	.96849	.02641	2.0647	.27067

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	1.5811	.30917	.54156	.30931	8.2530	.14613	2.1126	3.8007
Stddev	.0134	.00149	.00084	.00334	.0498	.00061	.0318	.0331
%RSD	.84737	.48307	.15590	1.0789	.60326	.41703	1.5045	.86979
#1	1.5914	.31037	.54228	.31315	8.3014	.14673	2.1493	3.8253
#2	1.5659	.30965	.54177	.30715	8.2557	.14616	2.0954	3.7631
#3	1.5859	.30750	.54063	.30763	8.2019	.14551	2.0932	3.8136

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	.64975	2.4259	.03033	.16973	.14439	4.5314	62.442
Stddev	.00594	.0291	.00011	.00135	.00107	.0509	.631
%RSD	.91435	1.1985	.37087	.79275	.74082	1.1233	1.0102
#1	.65382	2.4593	.03029	.17010	.14461	4.5899	63.165
#2	.64294	2.4066	.03045	.16824	.14322	4.4966	62.007
#3	.65250	2.4118	.03024	.17085	.14532	4.5079	62.153

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S4 Acquired: 12/30/2024 14:11:45 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	2424.2	56243.	11537.	1828.8	3562.2
Stddev	20.8	193.	142.	5.9	28.9
%RSD	.85649	.34336	1.2288	.32261	.81014
#1	2405.1	56095.	11374.	1825.3	3537.9
#2	2446.3	56172.	11610.	1825.5	3594.1
#3	2421.3	56461.	11627.	1835.6	3554.7

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S5 Acquired: 12/30/2024 14:15:57 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	.66747	.75059	2.5140	.65425	1.3629	1.3076	64.219	2.8647
Stddev	.00256	.00750	.0106	.00421	.0071	.0094	.792	.0115
%RSD	.38285	.99865	.42107	.64416	.52267	.72123	1.2335	.40025
#1	.66634	.74292	2.5033	.65228	1.3613	1.3159	64.908	2.8747
#2	.66567	.75094	2.5144	.65139	1.3567	1.3096	64.395	2.8671
#3	.67039	.75790	2.5244	.65909	1.3707	1.2973	63.353	2.8522

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	10.180	3.4576	.43719	4.7175	2.0242	.05625	4.6475	.61880
Stddev	.043	.0151	.00870	.0226	.0096	.00110	.0252	.00287
%RSD	.42661	.43572	1.9905	.48001	.47598	1.9584	.54155	.46399
#1	10.131	3.4721	.44153	4.6931	2.0195	.05679	4.6677	.62194
#2	10.195	3.4587	.44288	4.7213	2.0178	.05698	4.6555	.61816
#3	10.214	3.4420	.42718	4.7379	2.0353	.05498	4.6193	.61631

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	3.3803	.65518	1.1505	.68931	17.333	.31242	4.7189	7.9727
Stddev	.0157	.00847	.0261	.00481	.251	.00661	.0154	.0410
%RSD	.46547	1.2925	2.2654	.69765	1.4509	2.1153	.32544	.51412
#1	3.3630	.65904	1.1649	.69324	17.457	.31587	4.7208	7.9519
#2	3.3841	.66104	1.1663	.69074	17.499	.31659	4.7027	7.9463
#3	3.3938	.64547	1.1204	.68395	17.044	.30480	4.7332	8.0200

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	1.3917	5.4285	.06479	.37687	.31812	10.245	136.15
Stddev	.0076	.0371	.00108	.00302	.00198	.101	1.46
%RSD	.54535	.68361	1.6670	.80228	.62167	.98348	1.0730
#1	1.3831	5.4622	.06533	.37382	.31629	10.329	137.80
#2	1.3945	5.4345	.06550	.37690	.31786	10.273	135.62
#3	1.3974	5.3888	.06355	.37987	.32022	10.133	135.03

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: S5 Acquired: 12/30/2024 14:15:57 Type: Cal
Method: NON EPA-6010-200.7(v2573) 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	2363.5	54553.	10582.	1765.8	3391.9
Stddev	11.3	993.	53.	28.7	14.7
%RSD	.47893	1.8202	.49819	1.6279	.43234
#1	2365.7	54023.	10526.	1749.7	3405.4
#2	2373.5	53937.	10588.	1748.8	3393.9
#3	2351.2	55698.	10631.	1799.0	3376.3

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: ICV01 Acquired: 12/30/2024 14:20:09 Type: Unk
Method: NON EPA-6010-200.7(v2573) 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	1.015887	1.018190	1.011885	.9887378	.9708192	2.456872
Stddev	.005243	.002773	.002000	.0049145	.0038198	.007050
%RSD	.5160869	.2723538	.1976721	.4970514	.3934596	.2869379
#1	1.017069	1.015908	1.013109	.9935933	.9748928	2.464944
#2	1.020438	1.021276	1.009577	.9888538	.9702472	2.453750
#3	1.010154	1.017387	1.012969	.9837663	.9673177	2.451923

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4910221	.4884559	.5113805	9.602877	.5362880	.5167202
Stddev	.0008748	.0014195	.0009515	.004548	.0016204	.0014097
%RSD	.1781666	.2906036	.1860589	.0473566	.3021485	.2728188
#1	.4905196	.4869073	.5118843	9.600173	.5350298	.5170054
#2	.4905145	.4887651	.5102830	9.608128	.5357178	.5151897
#3	.4920323	.4896953	.5119740	9.600331	.5381164	.5179655

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5174199	10.27470	.5014379	5.595247	.5194666	.2589198
Stddev	.0005775	.02289	.0016418	.047883	.0008138	.0001652
%RSD	.1116165	.2228089	.3274240	.8557805	.1566506	.0637971
#1	.5169712	10.28967	.4995438	5.586800	.5195456	.2587606
#2	.5172169	10.28608	.5023143	5.646791	.5186162	.2590903
#3	.5180715	10.24835	.5024556	5.552149	.5202379	.2589084

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.946690	.4775973	1.035773	9.985725	2.323530	2.455657
Stddev	.040006	.0018854	.004982	.072633	.006873	.003163
%RSD	.4022036	.3947574	.4809715	.7273711	.2957910	.1287955
#1	9.981811	.4797296	1.035933	10.06947	2.315603	2.455001
#2	9.903142	.4761511	1.030712	9.94787	2.327172	2.452873
#3	9.955117	.4769111	1.040672	9.93984	2.327816	2.459096

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: ICV01 Acquired: 12/30/2024 14:20:09 Type: Unk
Method: NON EPA-6010-200.7(v2573) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.429492	2.335965	F 2.016934	F .0104710	F -.003422	F -.001359
Stddev	.002617	.001399	.002952	.0024150	.000615	.000412
%RSD	.1077172	.0598786	.1463481	23.06341	17.96039	30.31826
#1	2.429727	2.335467	2.019289	.0115576	-.004085	-.001110
#2	2.426765	2.334884	2.013623	.0121518	-.002872	-.001835
#3	2.431983	2.337545	2.017890	.0077036	-.003307	-.001132

Elem	Sr4077
Units	ppm
Avg	F -.008546
Stddev	.000180
%RSD	2.101793
#1	-.008376
#2	-.008529
#3	-.008734

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2539.162	56796.23	12022.22	1914.619	3746.798
Stddev	3.694	49.24	24.45	7.219	6.368
%RSD	.1454844	.0866952	.2034052	.3770393	.1699551
#1	2540.521	56759.22	12049.78	1914.001	3748.077
#2	2541.984	56852.12	12003.11	1922.127	3752.430
#3	2534.981	56777.37	12013.77	1907.728	3739.888

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: LLICV01 Acquired: 12/30/2024 14:24:13 Type: Unk
Method: NON EPA-6010-200.7(v2573) 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	.0207024	.0383273	.0113079	.0184323	.0487237	.1051201	.0921979
Stddev	.0006728	.0010507	.0012311	.0008355	.0008979	.0050549	.0002577
%RSD	3.249746	2.741350	10.88672	4.533021	1.842784	4.808737	.2795409
#1	.0202807	.0383434	.0119428	.0188546	.0478833	.1032037	.0919023
#2	.0203483	.0372687	.0098890	.0189724	.0486181	.1108530	.0923754
#3	.0214783	.0393698	.0120919	.0174699	.0496697	.1013035	.0923160

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057742	.0062105	1.899581	.0094698	.0297818	.0215900	.0905437
Stddev	.0000368	.0001075	.005998	.0001322	.0001136	.0002310	.0018170
%RSD	.6366444	1.731276	.3157796	1.396325	.3813116	1.070065	2.006752
#1	.0057318	.0063195	1.905945	.0093772	.0297052	.0218568	.0886960
#2	.0057961	.0062072	1.894032	.0096212	.0299123	.0214590	.0923283
#3	.0057948	.0061046	1.898767	.0094110	.0297280	.0214542	.0906069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195351	1.989645	.0401331	.0102136	1.883396	.0383856	.0421521
Stddev	.0002373	.035178	.0004312	.0001378	.003068	.0012319	.0002194
%RSD	1.214888	1.768075	1.074556	1.349070	.1628966	3.209188	.5204329
#1	.0197565	1.985832	.0401212	.0100651	1.882574	.0372023	.0419084
#2	.0192845	2.026574	.0397080	.0102384	1.886791	.0382936	.0423340
#3	.0195643	1.956528	.0405703	.0103374	1.880822	.0396609	.0422138

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.885138	.1123859	.1967758	.0394107	.0377154	.3359785	.0224254
Stddev	.010313	.0003226	.0007087	.0005555	.0005689	.0046370	.0013555
%RSD	.5470576	.2870811	.3601434	1.409595	1.508437	1.380136	6.044511
#1	1.878151	.1120925	.1973787	.0398171	.0370735	.3365320	.0213167
#2	1.880281	.1127314	.1959952	.0396373	.0379155	.3310896	.0239366
#3	1.896983	.1123339	.1969534	.0387777	.0381572	.3403138	.0220230

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: LLICV01 Acquired: 12/30/2024 14:24:13 Type: Unk
Method: NON EPA-6010-200.7(v2573) 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	.0206738	.0178330	.0186010
Stddev	.0019883	.0003542	.0000770
%RSD	9.617656	1.986459	.4138910
#1	.0192192	.0174301	.0185227
#2	.0198626	.0180958	.0186766
#3	.0229394	.0179731	.0186036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.947	57448.13	11630.55	1937.409	3598.212
Stddev	8.723	163.53	17.32	6.528	12.578
%RSD	.3533035	.2846525	.1488889	.3369259	.3495532
#1	2471.334	57264.07	11648.34	1932.732	3601.314
#2	2476.228	57503.67	11613.75	1934.628	3608.949
#3	2459.279	57576.66	11629.57	1944.866	3584.374

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: ICB01 Acquired: 12/30/2024 14:28:31 Type: Unk
Method: NON EPA-6010-200.7(v2573) 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	.0011084	-.001851	-.000393	-.001724	-.002256	-.003600	.0014658
Stddev	.0004444	.000525	.000658	.003255	.000852	.004775	.0002532
%RSD	40.09395	28.37316	167.4018	188.8517	37.76805	132.6156	17.27584
#1	.0014411	-.001348	-.000121	.001678	-.001324	-.008697	.0012960
#2	.0006037	-.002396	.000086	-.004810	-.002449	-.002873	.0013445
#3	.0012804	-.001809	-.001143	-.002040	-.002996	.000769	.0017568

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000495	.0001410	-.010390	-.000484	-.000104	.0000353	-.002720
Stddev	.0000243	.0001191	.005898	.000214	.000100	.0001761	.003331
%RSD	49.07347	84.42052	56.76568	44.29514	95.79537	499.2931	122.4490
#1	.0000744	.0001189	-.013405	-.000677	-.000118	.0001896	-.000430
#2	.0000482	.0002696	-.003594	-.000520	.000002	.0000728	-.006541
#3	.0000259	.0000346	-.014173	-.000254	-.000196	-.000157	-.001189

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000167	.0044839	-.000158	.0004306	.0112254	.0008238	-.000620
Stddev	.000082	.0182024	.000389	.0002285	.0105510	.0016317	.000035
%RSD	49.25003	405.9502	245.6356	53.06303	93.99266	198.0598	5.642750
#1	-.000246	.0225113	.000252	.0003487	.0125158	-.000905	-.000659
#2	-.000171	-.013889	-.000204	.0002543	.0000885	.001040	-.000593
#3	-.000082	.004829	-.000523	.0006887	.0210719	.002337	-.000608

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201259	.0048903	-.000056	-.000063	.0004192	.0014337	-.000005
Stddev	.0183847	.0003943	.000224	.000217	.0003625	.0092225	.001192
%RSD	91.34850	8.062369	402.1697	342.9393	86.48509	643.2602	24413.99
#1	-.000830	.0053256	.000028	.000170	.0002950	-.001314	-.001243
#2	.033545	.0045571	-.000309	-.000101	.0008275	.011718	.001136
#3	.027662	.0047883	.000114	-.000258	.0001351	-.006102	.000092

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: ICB01 Acquired: 12/30/2024 14:28:31 Type: Unk
Method: NON EPA-6010-200.7(v2573) 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	-.002226	-.000504	-.000039
Stddev	.006862	.000148	.000016
%RSD	308.3018	29.34751	41.13331
#1	.003745	-.000400	-.000023
#2	-.009722	-.000674	-.000039
#3	-.000700	-.000439	-.000056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2496.641	60025.17	11601.11	1978.378	3648.135
Stddev	.209	354.10	18.65	13.096	6.832
%RSD	.0083837	.5899116	.1607243	.6619382	.1872804
#1	2496.742	60282.71	11582.15	1986.523	3641.958
#2	2496.401	60171.44	11601.76	1985.339	3646.974
#3	2496.781	59621.38	11619.43	1963.272	3655.474

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CRI01 Acquired: 12/30/2024 14:32:52 Type: Unk
Method: NON EPA-6010-200.7(v2573) 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	.0210820	.0371417	.0113230	.0178563	.0465808	.0936853	.0913020
Stddev	.0024652	.0002877	.0010544	.0006561	.0016527	.0009382	.0001433
%RSD	11.69354	.7745821	9.312284	3.674196	3.547969	1.001470	.1569053
#1	.0239089	.0368669	.0120239	.0183387	.0469692	.0941598	.0914636
#2	.0199582	.0371174	.0101104	.0181209	.0447685	.0942915	.0912522
#3	.0193789	.0374408	.0118349	.0171092	.0480047	.0926046	.0911904

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056764	.0060695	1.899950	.0090910	.0289554	.0206155	.0952519
Stddev	.0000249	.0000512	.009961	.0001479	.0001521	.0005082	.0013466
%RSD	.4377085	.8428083	.5242961	1.626439	.5252080	2.465054	1.413727
#1	.0056882	.0060269	1.888470	.0089792	.0288212	.0200499	.0967974
#2	.0056932	.0060553	1.905078	.0090351	.0291206	.0207628	.0943307
#3	.0056479	.0061262	1.906303	.0092586	.0289245	.0210337	.0946278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191675	2.028487	.0387073	.0103632	1.927008	.0377244	.0411049
Stddev	.0003477	.031358	.0004658	.0001902	.006806	.0015192	.0001388
%RSD	1.813913	1.545903	1.203262	1.835750	.3532122	4.027040	.3375675
#1	.0190508	2.058771	.0389388	.0105807	1.933555	.0393684	.0412428
#2	.0195586	2.030536	.0390121	.0102814	1.927500	.0363724	.0411066
#3	.0188933	1.996155	.0381712	.0102276	1.919969	.0374325	.0409653

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.954770	.0976620	.1972746	.0383433	.0370959	.3395807	.0195869
Stddev	.020633	.0004799	.0005181	.0004805	.0005121	.0026779	.0020286
%RSD	1.055529	.4913618	.2626070	1.253154	1.380570	.7885927	10.35693
#1	1.965120	.0982127	.1976224	.0381986	.0372969	.3406022	.0203138
#2	1.931011	.0973336	.1966792	.0388796	.0365138	.3415974	.0172950
#3	1.968180	.0974396	.1975222	.0379518	.0374771	.3365423	.0211519

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CRI01 Acquired: 12/30/2024 14:32:52 Type: Unk
Method: NON EPA-6010-200.7(v2573) 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	.0186910	.0168974	.0185735
Stddev	.0011302	.0009614	.0000693
%RSD	6.046652	5.689455	.3730403
#1	.0199883	.0163730	.0186414
#2	.0179194	.0163122	.0185029
#3	.0181653	.0180069	.0185761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2594.917	56977.44	11893.65	1915.238	3869.888
Stddev	2.827	311.28	20.42	6.489	9.521
%RSD	.1089580	.5463212	.1717186	.3388059	.2460217
#1	2592.898	56620.61	11874.32	1907.806	3861.424
#2	2598.148	57118.45	11915.02	1918.126	3868.044
#3	2593.705	57193.26	11891.61	1919.781	3880.196

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: ICSA01 Acquired: 12/30/2024 14:37:10 Type: Unk
Method: NON EPA-6010-200.7(v2573) 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	.0066448	.0089609	.0079108	-.016584	-.005210	243.9372
Stddev	.0007257	.0029614	.0010424	.007101	.002958	2.3088
%RSD	10.92122	33.04843	13.17728	42.81760	56.76862	.9464927
#1	.0074809	.0061116	.0067211	-.012758	-.002582	242.4555
#2	.0062755	.0087480	.0086640	-.024777	-.004635	242.7587
#3	.0061780	.0120230	.0083474	-.012216	-.008414	246.5975

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049009	.0011164	-.004019	229.4843	.0579377	.0015149
Stddev	.0006484	.0000230	.000183	1.4791	.0003328	.0002693
%RSD	13.23006	2.057245	4.541474	.6445331	.5743519	17.77368
#1	.0043188	.0011057	-.003939	228.0201	.0577097	.0016246
#2	.0047842	.0011427	-.003891	229.4549	.0577838	.0012082
#3	.0055997	.0011007	-.004228	230.9778	.0583195	.0017121

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209737	100.5733	.0052365	253.2579	.0021522	-.008328
Stddev	.0006912	.2331	.0004241	1.5544	.0001709	.000322
%RSD	3.295647	.2317345	8.098617	.6137742	7.942225	3.866246
#1	.0203633	100.8420	.0050949	251.8213	.0023334	-.007962
#2	.0208336	100.4261	.0049013	253.0444	.0021296	-.008568
#3	.0217243	100.4518	.0057133	254.9080	.0019937	-.008454

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497112	.0093509	.0035745	.1785225	.0599363	.0011750
Stddev	.0043040	.0012059	.0003192	.0100764	.0012111	.0003340
%RSD	8.657993	12.89649	8.929893	5.644302	2.020642	28.42426
#1	.0473225	.0090037	.0039074	.1813103	.0610943	.0008159
#2	.0471313	.0083567	.0035449	.1673457	.0600362	.0012327
#3	.0546798	.0106924	.0032711	.1869114	.0586783	.0014763

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: ICSA01 Acquired: 12/30/2024 14:37:10 Type: Unk
Method: NON EPA-6010-200.7(v2573) 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	.0016975	-.001537	.0024522	.0075492	-.013327	F -.037530
Stddev	.0012075	.000501	.0054410	.0041238	.002532	.001125
%RSD	71.13188	32.58626	221.8850	54.62496	19.00055	2.997134
#1	.0030899	-.001077	-.003571	.0084595	-.012949	-.037544
#2	.0010640	-.002070	.003916	.0111418	-.011005	-.036398
#3	.0009387	-.001464	.007011	.0030464	-.016027	-.038648

Elem	Sr4077
Units	ppm
Avg	-.006020
Stddev	.000526
%RSD	8.733275
#1	-.006626
#2	-.005741
#3	-.005693

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2250.454	50844.34	11399.85	1707.335	3214.995
Stddev	16.865	216.21	135.43	10.321	16.254
%RSD	.7493840	.4252453	1.187967	.6045273	.5055583
#1	2269.288	50745.41	11505.60	1701.995	3232.274
#2	2245.321	51092.32	11446.74	1719.233	3212.700
#3	2236.752	50695.29	11247.21	1700.778	3200.010

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: ICSAB01 Acquired: 12/30/2024 14:45:43 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.1065540	.1074446	.0526753	.0455812	.6471988	240.1167
Stddev	.0020784	.0001847	.0010853	.0042936	.0032586	1.4287
%RSD	1.950517	.1718633	2.060441	9.419660	.5034962	.5950070
#1	.1041583	.1074502	.0526710	.0505378	.6445210	241.6995
#2	.1076291	.1072572	.0515921	.0430068	.6462483	238.9225
#3	.1078745	.1076264	.0537628	.0431991	.6508269	239.7279

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5121917	.5319780	1.078062	228.1175	.6174016	.4444871
Stddev	.0037091	.0031983	.002056	1.4492	.0027238	.0008979
%RSD	.7241605	.6012065	.1906926	.6352953	.4411750	.2020082
#1	.5156569	.5335878	1.080322	229.5615	.6147555	.4452398
#2	.5126389	.5340516	1.076304	228.1280	.6172523	.4434932
#3	.5082792	.5282947	1.077558	226.6631	.6201970	.4447283

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5543071	100.8204	.5165515	249.2135	1.088901	.2259189
Stddev	.0017304	.1527	.0050181	1.8256	.003298	.0007201
%RSD	.3121691	.1514772	.9714555	.7325400	.3028403	.3187558
#1	.5559435	100.8929	.5213244	251.0283	1.092211	.2252843
#2	.5524960	100.6449	.5170103	249.2350	1.085616	.2257709
#3	.5544817	100.9233	.5113198	247.3773	1.088876	.2267016

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558254	.5053152	.8571385	.1308240	.9746742	1.006581
Stddev	.0059067	.0022226	.0032611	.0182117	.0040576	.003311
%RSD	10.58073	.4398519	.3804617	13.92080	.4162980	.3289148
#1	.0492849	.5069540	.8560038	.1375421	.9765955	1.008436
#2	.0574202	.5062063	.8545964	.1447224	.9774143	1.002759
#3	.0607709	.5027853	.8608153	.1102075	.9700129	1.008548

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: ICSAB01 Acquired: 12/30/2024 14:45:43 Type: Unk
Method: NON EPA-6010-200.7(v2560) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB01 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009540	.9257712	.8569717	F .0158962	F -.008058	F -.037997
Stddev	.005879	.0072874	.0142696	.0034611	.004647	.000571
%RSD	.5823084	.7871747	1.665113	21.77280	57.66942	1.503973
#1	1.013118	.9334349	.8410748	.0150701	-.002867	-.038048
#2	1.002755	.9249490	.8611671	.0129231	-.009478	-.038542
#3	1.012746	.9189297	.8686733	.0196956	-.011829	-.037402

Elem	Sr4077
Units	ppm
Avg	F -.006055
Stddev	.000585
%RSD	9.664256
#1	-.005611
#2	-.005835
#3	-.006718

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2278.699	50829.54	11387.09	1725.760	3250.497
Stddev	7.599	148.77	73.35	9.997	10.392
%RSD	.3334865	.2926772	.6441209	.5792709	.3197034
#1	2269.967	50939.37	11318.92	1721.952	3238.506
#2	2283.810	50889.00	11377.65	1737.101	3256.891
#3	2282.321	50660.24	11464.70	1718.227	3256.093

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV01 Acquired: 12/30/2024 14:49:31 Type: Unk
Method: NON EPA-6010-200.7(v2560) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.640766	4.530301	4.734552	4.614408	4.673930	9.362224	9.262657
Stddev	.012801	.021001	.013627	.018201	.014453	.005144	.047143
%RSD	.2758445	.4635592	.2878184	.3944313	.3092257	.0549431	.5089536
#1	4.632047	4.513733	4.719363	4.596456	4.665132	9.359442	9.285499
#2	4.634787	4.523249	4.738589	4.613920	4.666047	9.359069	9.294026
#3	4.655462	4.553920	4.745705	4.632848	4.690610	9.368159	9.208444

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2443086	2.373582	23.50311	.9720940	2.364904	1.179781	4.694425
Stddev	.0006435	.005198	.06473	.0099678	.005590	.003428	.028712
%RSD	.2633934	.2189951	.2753911	1.025395	.2363777	.2905531	.6116226
#1	.2445854	2.367836	23.48620	.9835962	2.359211	1.177488	4.726681
#2	.2447673	2.374955	23.57461	.9667066	2.365116	1.178133	4.684935
#3	.2435730	2.377956	23.44851	.9659793	2.370386	1.183721	4.671660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.359158	23.60438	2.368265	1.200692	23.04548	2.347834	2.396644
Stddev	.010532	.05403	.005229	.008583	.19182	.007584	.023131
%RSD	.4464312	.2288828	.2207872	.7148672	.8323493	.3230321	.9651424
#1	2.347679	23.63085	2.362268	1.210530	23.25992	2.343705	2.423270
#2	2.368377	23.64006	2.370661	1.196810	22.89024	2.356587	2.381508
#3	2.361417	23.54222	2.371868	1.194735	22.98627	2.343210	2.385153

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.07449	4.847185	4.731691	4.717189	4.665057	4.631608	4.695257
Stddev	.16552	.012883	.011856	.014383	.012442	.031944	.013188
%RSD	.7173143	.2657909	.2505741	.3049110	.2667064	.6897034	.2808710
#1	23.26507	4.841356	4.721243	4.702084	4.654311	4.663681	4.686083
#2	22.96675	4.861952	4.729252	4.718763	4.678688	4.599794	4.689317
#3	22.99165	4.838245	4.744577	4.730721	4.662172	4.631348	4.710370

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV01 Acquired: 12/30/2024 14:49:31 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	4.558572	4.634188	4.698600
Stddev	.014639	.010638	.048669
%RSD	.3211229	.2295569	1.035825
#1	4.553839	4.622380	4.682756
#2	4.546886	4.643025	4.753217
#3	4.574992	4.637158	4.659826

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2507.239	55937.23	11036.42	1861.428	3654.080
Stddev	5.181	431.26	35.87	16.548	7.127
%RSD	.2066359	.7709708	.3249708	.8889979	.1950343
#1	2511.936	55439.53	11053.11	1842.414	3662.115
#2	2508.100	56171.69	10995.26	1872.571	3651.603
#3	2501.682	56200.48	11060.91	1869.300	3648.523

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB01 Acquired: 12/30/2024 14:53:41 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.000636	-.000468	.0001671	.0005642	-.002054	-.003042	.0025567
Stddev	.001199	.001223	.0002191	.0030262	.001043	.005685	.0003916
%RSD	188.5432	261.2106	131.0579	536.3189	50.75936	186.9002	15.31688
#1	-.002018	-.001073	-.000079	.0029288	-.000855	-.003308	.0028959
#2	.000007	-.001271	.000242	.0016100	-.002749	-.008589	.0026461
#3	.000105	.000939	.000339	-.002846	-.002559	.002772	.0021281

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000545	.0001203	.0037692	-.000427	.0000385	-.000408	.0016048
Stddev	.0000136	.0001333	.0050130	.000175	.0000761	.000249	.0039612
%RSD	24.95141	110.8317	133.0018	40.99717	197.7545	60.97912	246.8324
#1	.0000487	-.000022	.0092977	-.000400	.0001252	-.000359	.0027862
#2	.0000701	.000140	-.000481	-.000614	-.000017	-.000678	-.002813
#3	.0000448	.000242	.002490	-.000267	.000007	-.000187	.004841

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000672	.0059022	-.000263	.0002682	.0095849	.0007823	-.000116
Stddev	.000160	.0120891	.000183	.0003263	.0009801	.0014889	.000157
%RSD	23.84799	204.8234	69.53106	121.6571	10.22545	190.3342	135.8897
#1	-.000801	.0173970	-.000101	.0000030	.0084780	-.000608	-.000180
#2	-.000493	-.006704	-.000461	.0006327	.0103424	.000602	-.000230
#3	-.000724	.007014	-.000226	.0001691	.0099343	.002353	.000063

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.060767	.0035519	.0000130	.0025251	.0003862	-.003440	-.000664
Stddev	.024584	.0002372	.0001678	.0000877	.0003483	.001129	.000704
%RSD	40.45587	6.678202	1289.429	3.471838	90.18821	32.81598	105.9989
#1	-.056565	.0035206	.0002068	.0024323	.0004414	-.002185	-.001474
#2	-.087181	.0038033	-.000082	.0026065	.0000136	-.004372	-.000198
#3	-.038555	.0033320	-.000086	.0025367	.0007037	-.003763	-.000321

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB01 Acquired: 12/30/2024 14:53:41 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.003745	.0001063	.0001318
Stddev	.002351	.0007064	.0000335
%RSD	62.79651	664.6239	25.38638
#1	-.001927	.0000342	.0001468
#2	-.002907	-.000561	.0000934
#3	-.006400	.000846	.0001551

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2606.991	57748.81	11848.35	1940.155	3900.349
Stddev	6.549	43.17	140.84	6.816	14.422
%RSD	.2512117	.0747462	1.188664	.3513104	.3697701
#1	2599.434	57709.20	11738.06	1938.403	3883.722
#2	2611.019	57742.42	11800.00	1947.676	3907.851
#3	2610.519	57794.82	12007.00	1934.387	3909.474

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5342-08 Acquired: 12/30/2024 14:58:02 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.004969	-.007491	.0234279	.0064871	.0022718	.1961034	.3451017
Stddev	.000790	.001644	.0003566	.0019347	.0010516	.0034216	.0006438
%RSD	15.90044	21.94838	1.522261	29.82320	46.29035	1.744805	.1865665
#1	-.005504	-.006907	.0238310	.0044173	.0031431	.1958751	.3446660
#2	-.004061	-.006220	.0231531	.0082499	.0025685	.1996334	.3458413
#3	-.005340	-.009348	.0232998	.0067943	.0011037	.1928016	.3447980

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000045	.0014505	26.21512	.0012531	.0062222	.0157105	.1764166
Stddev	.000039	.0000737	.05310	.0000387	.0001264	.0002640	.0039582
%RSD	86.35128	5.080449	.2025519	3.088289	2.031759	1.680626	2.243642
#1	-.000000	.0014002	26.15756	.0012799	.0061699	.0154567	.1808309
#2	-.000065	.0014161	26.26220	.0012087	.0061303	.0159837	.1752351
#3	-.000070	.0015351	26.22559	.0012707	.0063663	.0156912	.1731837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9670018	6.501810	.0053083	.0002423	289.8616	.0008034	.5641175
Stddev	.0032316	.022684	.0001248	.0002974	.6001	.0007564	.0024834
%RSD	.3341820	.3488932	2.350598	122.7712	.2070405	94.15577	.4402240
#1	.9672629	6.491575	.0053123	-.000066	289.7318	.0012687	.5657389
#2	.9700949	6.527808	.0054310	.000528	290.5161	-.000069	.5612586
#3	.9636477	6.486047	.0051816	.000265	289.3371	.001211	.5653552

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.643249	.0907173	.0002166	-.000377	.0026746	2.288114	.1493590
Stddev	.019737	.0004282	.0001106	.000359	.0004471	.011583	.0029580
%RSD	.2970916	.4720437	51.05952	95.32494	16.71672	.5062176	1.980454
#1	6.664268	.0903796	.0003052	-.000289	.0021743	2.284508	.1470632
#2	6.625112	.0911990	.0000926	-.000772	.0030350	2.301071	.1483168
#3	6.640367	.0905734	.0002519	-.000070	.0028144	2.278763	.1526970

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5342-08 Acquired: 12/30/2024 14:58:02 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	1.583864	-.003042	.0915869
Stddev	.008771	.000689	.0002095
%RSD	.5537937	22.63762	.2287926
#1	1.579541	-.003577	.0914965
#2	1.578094	-.003284	.0918264
#3	1.593958	-.002265	.0914377

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2317.737	53099.02	11876.15	1765.449	3339.215
Stddev	15.202	65.93	29.85	4.786	24.073
%RSD	.6558976	.1241698	.2513505	.2711124	.7209223
#1	2322.841	53112.17	11910.34	1762.455	3346.420
#2	2329.730	53027.50	11855.23	1762.923	3358.863
#3	2300.640	53157.38	11862.89	1770.969	3312.362

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5342-09 Acquired: 12/30/2024 15:02:27 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.005038	-.005004	.0193956	.0053237	.0036559	.1548418	.1950378
Stddev	.002263	.001757	.0010947	.0031202	.0011921	.0098849	.0025075
%RSD	44.92290	35.10843	5.644098	58.60913	32.60814	6.383838	1.285670
#1	-.002916	-.007022	.0182004	.0065639	.0043608	.1538156	.1931871
#2	-.007419	-.004165	.0196369	.0076331	.0022795	.1651997	.1940348
#3	-.004777	-.003823	.0203496	.0017741	.0043275	.1455101	.1978916

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001524	.0036069	41.12065	.0014981	.0064259	.0740544	.0599740
Stddev	.0000413	.0001081	.62640	.0002248	.0002096	.0004352	.0047531
%RSD	27.10214	2.995693	1.523324	15.00846	3.262088	.5877071	7.925240
#1	.0002000	.0035062	40.60677	.0016438	.0061891	.0735782	.0570640
#2	.0001298	.0035935	40.93677	.0016114	.0065879	.0741536	.0573990
#3	.0001273	.0037211	41.81841	.0012392	.0065005	.0744315	.0654589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5607791	5.148738	.0227418	.0002129	289.8613	.0006310	7.751350
Stddev	.0065246	.103041	.0001788	.0002614	1.6945	.0011720	.024522
%RSD	1.163495	2.001278	.7861981	122.7953	.5845829	185.7354	.3163634
#1	.5561296	5.082127	.0228460	.0004829	288.0883	.0016189	7.723103
#2	.5579699	5.096666	.0225353	-.000039	291.4645	-.000664	7.767191
#3	.5682378	5.267423	.0228440	.000195	290.0310	.000938	7.763755

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.203559	.0471202	-.001136	-.001248	-.000079	2.139639	.0317559
Stddev	.022753	.0006559	.000181	.000819	.000216	.010866	.0014662
%RSD	1.032551	1.392034	15.90338	65.65269	272.6439	.5078641	4.616985
#1	2.195513	.0465496	-.001327	-.000876	.000051	2.127211	.0302103
#2	2.229241	.0469741	-.001113	-.002187	-.000329	2.144358	.0331270
#3	2.185922	.0478368	-.000968	-.000680	.000040	2.147348	.0319303

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5342-09 Acquired: 12/30/2024 15:02:27 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	1.240542	-.005552	.1775534
Stddev	.003622	.000655	.0020696
%RSD	.2919665	11.79933	1.165612
#1	1.238364	-.005496	.1763623
#2	1.238539	-.006233	.1763547
#3	1.244723	-.004927	.1799431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.978	53077.39	11874.07	1781.722	3504.860
Stddev	7.378	155.29	176.78	13.513	13.757
%RSD	.3043752	.2925644	1.488778	.7584268	.3925103
#1	2426.369	53252.25	12017.22	1794.261	3511.619
#2	2429.864	53024.35	11928.53	1767.410	3513.931
#3	2415.701	52955.58	11676.47	1783.496	3489.032

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5382-01 Acquired: 12/30/2024 15:06:52 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0790729	-.027963	.5366162	-.143948	-.019041	250.7896	.8357546
Stddev	.0051358	.003653	.0010198	.004861	.003402	1.8289	.0093051
%RSD	6.495048	13.06364	.1900468	3.376794	17.86401	.7292422	1.113376
#1	.0849910	-.023758	.5368410	-.145226	-.019544	252.4128	.8461936
#2	.0757853	-.030355	.5355027	-.138576	-.022163	251.1479	.8327384
#3	.0764422	-.029776	.5375048	-.148042	-.015416	248.8081	.8283318

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195591	-.013316	27.30511	.5165397	.1717689	.4910591	462.1984
Stddev	.0002645	.000506	.31654	.0027671	.0006373	.0022658	2.3741
%RSD	1.352437	3.797020	1.159270	.5356956	.3710494	.4614213	.5136535
#1	.0198468	-.013317	27.64565	.5185483	.1714678	.4936752	459.8603
#2	.0195041	-.012809	27.24982	.5133834	.1713379	.4897812	462.1280
#3	.0193264	-.013820	27.01985	.5176873	.1725010	.4897208	464.6070

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.347005	54.75909	.2569799	-.046718	1.221925	.8815603	.6519586
Stddev	.037207	.54600	.0005497	.001066	.007851	.0057325	.0049443
%RSD	1.111655	.9970909	.2138926	2.282065	.6425282	.6502668	.7583712
#1	3.387021	55.30782	.2575155	-.047940	1.229629	.8881024	.6548883
#2	3.340539	54.75358	.2570069	-.046238	1.213934	.8791621	.6462501
#3	3.313454	54.21586	.2564172	-.045977	1.222212	.8774164	.6547374

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.75717	.2735309	.0139274	.0172346	8.686078	8.000303	7.348315
Stddev	.25661	.0062462	.0004451	.0019036	.092296	.070057	.011950
%RSD	.8623536	2.283533	3.196138	11.04550	1.062572	.8756847	.1626203
#1	29.78924	.2671970	.0134229	.0192840	8.789153	8.021168	7.349856
#2	29.48603	.2737102	.0140945	.0168981	8.658000	7.922183	7.335669
#3	29.99624	.2796855	.0142649	.0155216	8.611083	8.057557	7.359419

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5382-01 Acquired: 12/30/2024 15:06:52 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.9751915	.1508300	-.286597
Stddev	.0056192	.0020311	.004257
%RSD	.5762139	1.346613	1.485249
#1	.9816645	.1530652	-.282034
#2	.9723428	.1490973	-.287296
#3	.9715672	.1503276	-.290461

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2811.306	63439.64	13591.12	2125.457	3448.073
Stddev	2.338	349.43	158.37	18.258	4.316
%RSD	.0831788	.5508042	1.165256	.8590155	.1251791
#1	2813.537	63237.51	13430.10	2119.168	3451.149
#2	2808.873	63843.13	13596.54	2146.028	3443.139
#3	2811.509	63238.29	13746.71	2111.174	3449.932

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5382-02 Acquired: 12/30/2024 15:11:13 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0651719	-.016681	.9368424	-.068190	-.012112	149.3694	.9328148
Stddev	.0031238	.001492	.0016341	.001600	.001145	1.0503	.0076196
%RSD	4.793117	8.941283	.1744281	2.346352	9.456539	.7031365	.8168403
#1	.0619385	-.015285	.9352244	-.069497	-.011083	149.5639	.9343676
#2	.0681731	-.018253	.9368107	-.068667	-.011906	150.3089	.9395383
#3	.0654040	-.016507	.9384922	-.066406	-.013346	148.2355	.9245383

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129096	-.004040	33.15360	.2841826	.1425087	.3000301	249.2298
Stddev	.0001011	.000124	.23595	.0017482	.0005925	.0003484	.6955
%RSD	.7832963	3.076509	.7116798	.6151704	.4157582	.1161177	.2790575
#1	.0129715	-.003970	33.29730	.2860580	.1418422	.3000149	249.2814
#2	.0129645	-.003967	33.28220	.2825980	.1427081	.3003859	248.5099
#3	.0127930	-.004184	32.88129	.2838919	.1429758	.2996896	249.8980

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.763982	31.15483	.1973303	-.023206	.7849800	.4015119	.5944894
Stddev	.019267	.23576	.0007636	.000254	.0036302	.0025057	.0006081
%RSD	.6970619	.7567505	.3869666	1.094393	.4624541	.6240552	.1022970
#1	2.774770	31.33644	.1965511	-.023099	.7821491	.4042025	.5950716
#2	2.775438	31.23967	.1980772	-.023496	.7837181	.4010880	.5938583
#3	2.741738	30.88839	.1973628	-.023023	.7890727	.3992453	.5945382

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.90810	.1638547	.0098746	.0682451	3.902437	3.610853	7.252806
Stddev	.05768	.0019458	.0001183	.0004458	.026994	.023763	.005634
%RSD	.4468291	1.187487	1.197745	.6532844	.6917155	.6580873	.0776824
#1	12.93880	.1626932	.0098310	.0687387	3.908863	3.593047	7.249863
#2	12.84156	.1627700	.0100085	.0678716	3.925637	3.601677	7.259302
#3	12.94393	.1661011	.0097843	.0681251	3.872810	3.637836	7.249251

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5382-02 Acquired: 12/30/2024 15:11:13 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	2.037086	.1179895	-.034490
Stddev	.009825	.0005873	.002269
%RSD	.4822973	.4977658	6.578301
#1	2.025804	.1182343	-.034223
#2	2.041691	.1184148	-.032366
#3	2.043761	.1173194	-.036881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3195.198	72058.37	15722.25	2404.757	3526.723
Stddev	4.101	219.20	145.84	2.763	6.366
%RSD	.1283518	.3041958	.9276093	.1148980	.1804978
#1	3199.777	71858.32	15620.22	2406.223	3532.872
#2	3191.863	72292.68	15657.22	2406.479	3520.161
#3	3193.954	72024.10	15889.29	2401.570	3527.135

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5382-03 Acquired: 12/30/2024 15:15:18 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0892576	-.008922	.9547570	-.101686	-.012135	188.4577
Stddev	.0023037	.002472	.0069565	.004979	.003038	.7040
%RSD	2.580949	27.70224	.7286143	4.896854	25.03258	.3735416
#1	.0896483	-.006068	.9574377	-.107013	-.009012	188.6339
#2	.0913410	-.010345	.9599743	-.100896	-.015079	187.6824
#3	.0867836	-.010353	.9468590	-.097148	-.012313	189.0569

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.098933	.0135191	-.006016	93.96220	.3636503	.1477418
Stddev	.018422	.0001796	.000474	1.36887	.0074997	.0013941
%RSD	1.676352	1.328519	7.878678	1.456826	2.062347	.9436341
#1	1.111388	.0137078	-.006490	94.91199	.3684580	.1487714
#2	1.077771	.0133502	-.006017	92.39314	.3674842	.1482987
#3	1.107638	.0134992	-.005542	94.58149	.3550086	.1461552

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3444643	326.8808	4.867840	64.16643	.2091151	-.031466
Stddev	.0019855	5.2443	.078681	.91637	.0013772	.001546
%RSD	.5764082	1.604348	1.616342	1.428122	.6585889	4.911829
#1	.3421998	331.4622	4.920957	64.74155	.2098833	-.031414
#2	.3459065	328.0197	4.777449	63.10967	.2099368	-.033038
#3	.3452867	321.1607	4.905115	64.64806	.2075251	-.029948

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7012756	.4981314	.9611524	15.84951	.2012371	.0075712
Stddev	.0132774	.0057577	.0207838	.19824	.0070914	.0001763
%RSD	1.893325	1.155864	2.162382	1.250766	3.523895	2.328343
#1	.7122535	.5029928	.9748837	16.02486	.2059015	.0074256
#2	.7050552	.4917730	.9713323	15.88926	.2047333	.0075208
#3	.6865182	.4996285	.9372411	15.63441	.1930765	.0077672

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5382-03 Acquired: 12/30/2024 15:15:18 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0496932	4.163269	F 15.87433	8.716407	.9471792	.1373993
Stddev	.0005883	.065283	.22954	.061527	.0077269	.0021246
%RSD	1.183920	1.568068	1.445957	.7058811	.8157832	1.546268
#1	.0490458	4.213232	16.09742	8.781081	.9470392	.1383003
#2	.0498388	4.089404	15.88672	8.709537	.9549751	.1349727
#3	.0501951	4.187171	15.63885	8.658603	.9395232	.1389249

Elem	Sr4077
Units	ppm
Avg	-.089050
Stddev	.007004
%RSD	7.865364
#1	-.091391
#2	-.094584
#3	-.081176

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2887.556	64947.31	14566.71	2159.410	3416.032
Stddev	14.171	914.14	152.94	39.015	21.540
%RSD	.4907610	1.407517	1.049931	1.806764	.6305606
#1	2874.877	64331.57	14454.59	2138.656	3396.729
#2	2884.937	64512.69	14740.93	2135.158	3412.101
#3	2902.853	65997.68	14504.59	2204.416	3439.267

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV02 Acquired: 12/30/2024 15:19:38 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	4.753700	4.928125	4.858341	4.751816	4.787491	9.463930	9.406112
Stddev	.004235	.054316	.009379	.012978	.017331	.016420	.080979
%RSD	.0890935	1.102158	.1930459	.2731216	.3620153	.1734984	.8609178
#1	4.757709	4.866249	4.865472	4.765844	4.804581	9.450688	9.364607
#2	4.754122	4.950193	4.847717	4.749368	4.787962	9.458799	9.499429
#3	4.749270	4.967933	4.861833	4.740236	4.769928	9.482302	9.354299

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2472855	2.442245	24.06089	1.003823	2.423029	1.201722	4.956186
Stddev	.0002601	.003489	.06256	.001582	.002669	.003927	.022595
%RSD	.1051846	.1428414	.2600147	.1576458	.1101678	.3267535	.4558907
#1	.2475854	2.440979	24.02530	1.002205	2.424284	1.206073	4.943300
#2	.2471222	2.439566	24.02425	1.003894	2.419963	1.200651	4.942983
#3	.2471487	2.446190	24.13313	1.005368	2.424839	1.198442	4.982276

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.387023	24.30910	2.425496	1.243098	24.22126	2.397885	2.458709
Stddev	.009059	.03240	.002327	.003038	.09271	.009717	.007725
%RSD	.3795145	.1332967	.0959373	.2444037	.3827632	.4052424	.3142092
#1	2.384193	24.30236	2.426534	1.240766	24.15835	2.392871	2.449982
#2	2.379716	24.28060	2.422830	1.241995	24.17771	2.391698	2.464674
#3	2.397159	24.34435	2.427123	1.246534	24.32773	2.409085	2.461470

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.26948	4.855692	4.854690	4.866935	4.746490	4.899789	4.858079
Stddev	.13571	.012534	.007303	.013708	.012651	.030864	.021969
%RSD	.5591843	.2581199	.1504393	.2816638	.2665336	.6298955	.4522057
#1	24.13026	4.869740	4.859939	4.857230	4.743899	4.872182	4.833335
#2	24.27678	4.845654	4.846349	4.860959	4.735335	4.894073	4.865612
#3	24.40139	4.851682	4.857782	4.882617	4.760236	4.933110	4.875289

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV02 Acquired: 12/30/2024 15:19:38 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	4.696206	4.650294	4.773155
Stddev	.003617	.012392	.029165
%RSD	.0770131	.2664682	.6110193
#1	4.694733	4.638613	4.764570
#2	4.700326	4.648977	4.749246
#3	4.693557	4.663291	4.805649

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2515.882	54900.19	11269.68	1844.666	3655.059
Stddev	10.157	181.73	14.51	6.544	9.775
%RSD	.4037028	.3310181	.1287325	.3547628	.2674389
#1	2505.393	55004.07	11262.48	1852.197	3647.553
#2	2525.670	55006.15	11286.38	1841.435	3666.112
#3	2516.584	54690.35	11260.19	1840.365	3651.512

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB02 Acquired: 12/30/2024 15:23:49 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0019801	-.002539	.0002859	-.000975	-.001736	-.003670	.0026568
Stddev	.0011544	.000755	.0006390	.000961	.002392	.004067	.0003974
%RSD	58.30255	29.71407	223.4939	98.63354	137.7607	110.8053	14.95772
#1	.0015148	-.003363	.0004617	-.000334	-.003585	-.004941	.0024035
#2	.0011309	-.002374	-.000423	-.000510	-.002589	.000880	.0031148
#3	.0032946	-.001881	.000819	-.002080	.000965	-.006949	.0024521

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000279	.0001220	-.001561	-.000351	-.000138	-.000652	-.001294
Stddev	.0000410	.0000556	.003946	.000389	.000193	.000293	.004650
%RSD	147.2275	45.57562	252.8721	111.0286	140.1332	44.98976	359.3057
#1	.0000388	.0000581	-.006094	.000076	-.000360	-.000387	-.006631
#2	-.000018	.0001592	.001102	-.000440	-.000007	-.000601	.001878
#3	.000062	.0001487	.000310	-.000687	-.000047	-.000967	.000871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000989	.0047688	.0000830	.0002097	.0099035	-.000361	-.000509
Stddev	.000141	.0153753	.0002655	.0002049	.0089780	.001802	.000225
%RSD	14.23951	322.4130	319.9256	97.68945	90.65531	499.5798	44.22250
#1	-.001073	.0051228	.0002192	-.000023	.0196388	-.000120	-.000753
#2	-.000826	-.010780	-.000223	.000361	.0019498	-.002271	-.000310
#3	-.001067	.019964	.000253	.000292	.0081219	.001309	-.000463

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193372	.0022755	.0002110	.0027967	.0000304	-.005774	-.001749
Stddev	.0093566	.0004294	.0002280	.0010492	.0003858	.003406	.001870
%RSD	48.38665	18.87014	108.0451	37.51382	1267.930	58.98490	106.9246
#1	.0094783	.0018255	-.000039	.0016685	.0000698	-.005142	.000105
#2	.0280940	.0026808	.000265	.0037431	.0003950	-.002729	-.003635
#3	.0204394	.0023201	.000407	.0029785	-.000373	-.009452	-.001718

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB02 Acquired: 12/30/2024 15:23:49 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.001776	-.000467	.0000009
Stddev	.001979	.000691	.0000361
%RSD	111.4259	148.0094	4270.623
#1	-.003683	-.000991	.0000239
#2	.000268	-.000726	-.000041
#3	-.001915	.000316	.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2573.825	57613.91	11750.70	1977.145	3757.987
Stddev	6.233	379.58	99.03	13.939	8.885
%RSD	.2421674	.6588318	.8427958	.7050044	.2364425
#1	2566.655	57179.27	11641.97	1961.857	3747.729
#2	2576.878	57880.21	11774.39	1980.429	3762.926
#3	2577.943	57782.24	11835.75	1989.148	3763.305

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01 Acquired: 12/30/2024 15:28:11 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0420210	-.015948	4.672717	-.061196	-.006935	73.43155	.4931982
Stddev	.0015149	.001476	.014889	.004579	.000606	.54979	.0041394
%RSD	3.605145	9.257711	.3186299	7.483140	8.731553	.7487116	.8392919
#1	.0437584	-.017003	4.681633	-.056290	-.007025	73.70697	.4964527
#2	.0413288	-.014261	4.680989	-.065357	-.006289	72.79848	.4885394
#3	.0409759	-.016581	4.655529	-.061942	-.007490	73.78919	.4946025

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069787	-.002351	17.14036	.1856838	.1218022	4.575233	190.5961
Stddev	.0000495	.000168	.13450	.0006113	.0006661	.014865	.6008
%RSD	.7090114	7.162620	.7847206	.3291881	.5468927	.3249073	.3152240
#1	.0070021	-.002314	17.18492	.1850035	.1218284	4.581957	190.8129
#2	.0069219	-.002204	16.98924	.1858609	.1224549	4.585548	189.9170
#3	.0070122	-.002535	17.24694	.1861869	.1211234	4.558194	191.0585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.637088	37.75636	.3829288	-.016432	2.433671	.3586553	4.775140
Stddev	.013931	.38410	.0010674	.000384	.013592	.0050619	.021368
%RSD	.8509881	1.017322	.2787369	2.336140	.5585164	1.411367	.4474761
#1	1.648795	37.99241	.3832364	-.016017	2.444271	.3590109	4.760327
#2	1.621680	37.31315	.3838087	-.016505	2.418347	.3534250	4.765459
#3	1.640789	37.96353	.3817415	-.016775	2.438396	.3635302	4.799635

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.93788	.1201556	.0089131	.4476339	3.988186	5.101901	5.566463
Stddev	.03781	.0002818	.0000748	.0022017	.031478	.018814	.020324
%RSD	.2372530	.2345533	.8388828	.4918562	.7892843	.3687644	.3651186
#1	15.91743	.1202935	.0088420	.4475685	4.007173	5.109696	5.543310
#2	15.91470	.1198313	.0089911	.4498676	3.951851	5.080442	5.581361
#3	15.98151	.1203419	.0089063	.4454657	4.005536	5.115564	5.574717

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01 Acquired: 12/30/2024 15:28:11 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7086708	.1039818	-.080116
Stddev	.0032882	.0009580	.000415
%RSD	.4639995	.9213109	.5177178
#1	.7077017	.1044702	-.079653
#2	.7059761	.1028780	-.080454
#3	.7123347	.1045971	-.080241

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2754.412	63013.03	12990.57	2124.248	3567.539
Stddev	8.929	187.61	64.20	12.015	11.839
%RSD	.3241678	.2977349	.4942029	.5656100	.3318620
#1	2746.176	63148.84	12962.09	2131.223	3559.170
#2	2753.158	63091.29	13064.08	2131.148	3562.361
#3	2763.902	62798.96	12945.54	2110.375	3581.085

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01DUP Acquired: 12/30/2024 15:35:17 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0407309	-.016294	4.743854	-.059841	-.004188	73.46544	.4948844
Stddev	.0011605	.005636	.009622	.004742	.000310	.14680	.0016348
%RSD	2.849203	34.58977	.2028225	7.925117	7.397215	.1998275	.3303445
#1	.0414074	-.018606	4.739302	-.060285	-.004389	73.45506	.4963794
#2	.0413944	-.020405	4.754907	-.064345	-.004345	73.32411	.4931387
#3	.0393909	-.009869	4.737352	-.054892	-.003832	73.61717	.4951350

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067194	-.001789	17.19506	.1867552	.1239048	4.677070	193.5593
Stddev	.0000291	.000305	.07407	.0004133	.0002590	.008032	.4690
%RSD	.4333155	17.03094	.4307895	.2213208	.2090664	.1717290	.2422911
#1	.0067529	-.002071	17.23319	.1871719	.1236790	4.668210	194.0765
#2	.0067039	-.001466	17.10969	.1867485	.1241876	4.679126	193.4394
#3	.0067012	-.001831	17.24230	.1863453	.1238479	4.683875	193.1618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.614433	37.79680	.3897831	-.015341	2.485139	.3590212	4.821074
Stddev	.006778	.08999	.0010594	.000415	.010321	.0021485	.010500
%RSD	.4198073	.2380888	.2717820	2.704698	.4153172	.5984230	.2177995
#1	1.622002	37.80987	.3894206	-.015805	2.496774	.3589260	4.831673
#2	1.608928	37.70098	.3909761	-.015005	2.477089	.3569219	4.820875
#3	1.612368	37.87953	.3889525	-.015213	2.481553	.3612157	4.810675

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.27085	.1203831	.0084413	.4532620	3.998059	5.486557	5.684205
Stddev	.04422	.0004942	.0003576	.0014199	.013727	.010622	.023959
%RSD	.2717780	.4105278	4.236021	.3132730	.3433537	.1935940	.4214995
#1	16.31461	.1209466	.0080589	.4518156	4.007740	5.497488	5.689816
#2	16.27177	.1201790	.0084975	.4546540	3.982349	5.485908	5.704861
#3	16.22618	.1200235	.0087674	.4533163	4.004088	5.476274	5.657939

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01DUP Acquired: 12/30/2024 15:35:17 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7341574	.1029465	-.082671
Stddev	.0051668	.0003499	.000538
%RSD	.7037709	.3398503	.6511304
#1	.7378733	.1032015	-.082800
#2	.7363418	.1030903	-.083134
#3	.7282572	.1025476	-.082080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.284	63152.99	13379.47	2080.035	3456.087
Stddev	5.885	78.94	42.67	1.822	2.685
%RSD	.2203953	.1249935	.3188900	.0876137	.0776898
#1	2673.812	63068.17	13359.83	2077.939	3459.132
#2	2673.549	63224.31	13428.42	2080.919	3455.069
#3	2663.490	63166.49	13350.16	2081.246	3454.060

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01LX5 Acquired: 12/30/2024 15:39:23 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0097619	-.003455	.9781640	-.011793	-.002326	16.14920	.1091093
Stddev	.0013697	.001501	.0047326	.002505	.001946	.04146	.0003052
%RSD	14.03093	43.44484	.4838212	21.23725	83.67473	.2567150	.2797597
#1	.0107449	-.001762	.9758922	-.009660	-.002155	16.12497	.1094415
#2	.0081974	-.004622	.9836042	-.011168	-.004352	16.12555	.1090453
#3	.0103435	-.003981	.9749957	-.014551	-.000471	16.19707	.1088411

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015114	-.001081	3.891276	.0411654	.0247707	1.056095	43.00577
Stddev	.0000457	.000117	.017565	.0009689	.0004002	.004695	.65956
%RSD	3.026028	10.87092	.4513964	2.353718	1.615520	.4445695	1.533651
#1	.0015370	-.001120	3.876644	.0418805	.0244849	1.057676	43.48829
#2	.0014586	-.000948	3.886428	.0400627	.0252280	1.059796	42.25422
#3	.0015387	-.001173	3.910756	.0415531	.0245991	1.050814	43.27481

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3664869	8.524297	.0792465	-.003305	.5398208	.0798915	1.110706
Stddev	.0008151	.033939	.0009039	.000249	.0055792	.0005657	.017546
%RSD	.2224212	.3981436	1.140602	7.538320	1.033532	.7081522	1.579695
#1	.3655500	8.508156	.0784064	-.003403	.5424568	.0794431	1.130104
#2	.3670339	8.563295	.0802029	-.003022	.5334119	.0797042	1.095943
#3	.3668768	8.501442	.0791301	-.003490	.5435936	.0805271	1.106073

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.455420	.0231250	.0018810	.0912093	.8914359	1.192281	1.177336
Stddev	.047005	.0006754	.0000954	.0014416	.0026260	.020610	.009713
%RSD	1.360335	2.920478	5.069022	1.580570	.2945777	1.728595	.8249770
#1	3.498925	.0236684	.0018149	.0923651	.8909366	1.205310	1.173654
#2	3.405561	.0223689	.0018378	.0916688	.8890955	1.168520	1.188352
#3	3.461775	.0233377	.0019903	.0895939	.8942757	1.203013	1.170003

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01LX5 Acquired: 12/30/2024 15:39:23 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.1525693	.0220126	-.018306
Stddev	.0011465	.0007030	.000642
%RSD	.7514841	3.193841	3.508201
#1	.1512633	.0219820	-.018769
#2	.1534105	.0213254	-.017573
#3	.1530340	.0227304	-.018576

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2518.374	57650.39	12017.53	1964.000	3564.974
Stddev	9.618	962.79	32.80	28.461	17.530
%RSD	.3818959	1.670043	.2729038	1.449144	.4917335
#1	2513.784	56775.29	11980.26	1937.039	3568.369
#2	2511.911	58681.75	12030.34	1993.755	3545.995
#3	2529.427	57494.11	12041.98	1961.208	3580.559

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01MS Acquired: 12/30/2024 15:43:34 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.6615216	1.683844	4.765769	1.389112	.2765071	75.32827
Stddev	.0016270	.010136	.006336	.007281	.0018706	1.02423
%RSD	.2459563	.6019769	.1329407	.5241542	.6765266	1.359688
#1	.6597371	1.678572	4.759227	1.381036	.2756400	75.86708
#2	.6629228	1.695530	4.771876	1.391128	.2786540	74.14710
#3	.6619048	1.677430	4.766205	1.395173	.2752273	75.97062

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6176039	.1609250	.1761002	16.28945	.5045091	.2850981
Stddev	.0085623	.0019539	.0001903	.19182	.0006408	.0002460
%RSD	1.386369	1.214191	.1080470	1.177558	.1270037	.0862717
#1	.6206905	.1617964	.1761384	16.35186	.5050138	.2850006
#2	.6079263	.1586870	.1762685	16.07420	.5047254	.2853778
#3	.6241950	.1622916	.1758937	16.44229	.5037882	.2849158

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.581311	165.6226	1.615679	38.19787	.7925575	.0476267
Stddev	.004761	.2305	.022757	.37644	.0008089	.0004231
%RSD	.1329316	.1391701	1.408529	.9855108	.1020672	.8884276
#1	3.576839	165.7622	1.621991	38.33337	.7916593	.0471385
#2	3.586315	165.3566	1.590433	37.77244	.7932285	.0478547
#3	3.580779	165.7491	1.634615	38.48782	.7927847	.0478870

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.628943	.5590703	4.487952	24.40226	.3022256	.3079801
Stddev	.011149	.0083908	.005333	.04159	.0018499	.0002408
%RSD	.2408472	1.500844	.1188248	.1704382	.6120882	.0781991
#1	4.636787	.5608882	4.490268	24.40097	.3023097	.3077525
#2	4.633861	.5499196	4.491734	24.36132	.3003351	.3082323
#3	4.616181	.5664030	4.481852	24.44447	.3040320	.3079554

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01MS Acquired: 12/30/2024 15:43:34 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.9054059	4.086453	7.056225	F 10.58172	.6292202	.2606592
Stddev	.0014050	.057668	.014033	.03189	.0040095	.0033591
%RSD	.1551839	1.411201	.1988670	.3014009	.6372229	1.288691
#1	.9037865	4.107337	7.071932	10.54818	.6269693	.2622019
#2	.9063021	4.021253	7.044925	10.61166	.6338494	.2568058
#3	.9061290	4.130769	7.051817	10.58532	.6268418	.2629698

Elem	Sr4077
Units	ppm
Avg	.0778533
Stddev	.0032741
%RSD	4.205408
#1	.0789315
#2	.0741762
#3	.0804523

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2726.671	62058.07	12816.56	2100.422	3518.216
Stddev	2.476	45.81	163.75	1.777	1.741
%RSD	.0908247	.0738225	1.277616	.0845897	.0494755
#1	2723.819	62048.67	12752.57	2102.182	3516.316
#2	2727.927	62017.68	13002.64	2100.454	3518.600
#3	2728.268	62107.85	12694.47	2098.629	3519.734

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01MSD Acquired: 12/30/2024 15:47:31 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.6448850	1.657517	4.690953	1.337204	.2666441	75.12443
Stddev	.0047752	.015710	.045903	.009415	.0022283	.74213
%RSD	.7404774	.9478292	.9785382	.7040522	.8356657	.9878649
#1	.6478630	1.645229	4.693783	1.328988	.2641295	75.27436
#2	.6474149	1.675218	4.735375	1.347477	.2683732	74.31878
#3	.6393771	1.652104	4.643701	1.335147	.2674298	75.78015

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6276177	.1593182	.1713121	16.23285	.5013428	.2811045
Stddev	.0047571	.0010700	.0015611	.12656	.0038839	.0026403
%RSD	.7579691	.6715860	.9112663	.7796325	.7747066	.9392649
#1	.6283216	.1599892	.1712531	16.25492	.5057983	.2813754
#2	.6225479	.1580843	.1729019	16.09670	.4986717	.2835989
#3	.6319837	.1598812	.1697813	16.34691	.4995585	.2783391

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.511660	168.1171	1.631056	37.74504	.7787736	.0479304
Stddev	.029275	.6620	.018167	.28035	.0078160	.0005618
%RSD	.8336650	.3937832	1.113840	.7427470	1.003633	1.172175
#1	3.512756	168.5995	1.632727	37.73662	.7793832	.0480339
#2	3.540373	167.3623	1.612111	37.46900	.7862670	.0473240
#3	3.481852	168.3895	1.648330	38.02951	.7706706	.0484332

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.682522	.5619045	4.488716	24.76173	.3089337	.3066847
Stddev	.017970	.0070254	.031713	.07155	.0012205	.0019272
%RSD	.3837747	1.250280	.7065008	.2889691	.3950858	.6284062
#1	4.701010	.5641382	4.524418	24.83479	.3100195	.3068298
#2	4.665119	.5540339	4.463812	24.69178	.3076126	.3085353
#3	4.681439	.5675415	4.477917	24.75861	.3091688	.3046890

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01MSD Acquired: 12/30/2024 15:47:31 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.8878343	4.112450	7.243596	F 10.22243	.6063343	.2620109
Stddev	.0089663	.036106	.027013	.08019	.0098850	.0022787
%RSD	1.009909	.8779676	.3729188	.7844108	1.630285	.8697030
#1	.8879272	4.120377	7.253530	10.21984	.6084749	.2638584
#2	.8967538	4.073040	7.213023	10.30387	.6149736	.2594646
#3	.8788219	4.143935	7.264236	10.14356	.5955544	.2627097

Elem	Sr4077
Units	ppm
Avg	.0774559
Stddev	.0013585
%RSD	1.753914
#1	.0777312
#2	.0759808
#3	.0786556

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2795.900	61982.21	12919.65	2105.028	3620.487
Stddev	21.084	272.08	117.55	24.211	35.978
%RSD	.7540872	.4389701	.9098207	1.150144	.9937269
#1	2798.934	61694.74	12859.50	2083.197	3619.679
#2	2773.464	62235.72	13055.10	2131.067	3584.920
#3	2815.302	62016.16	12844.36	2100.819	3656.862

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01A Acquired: 12/30/2024 15:51:29 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.6665360	1.682277	4.747445	1.407447	.2780274	74.78967
Stddev	.0033287	.011066	.029973	.015223	.0033989	.26648
%RSD	.4994087	.6578137	.6313504	1.081638	1.222491	.3563034
#1	.6638884	1.679331	4.730918	1.392126	.2741493	74.87884
#2	.6654467	1.672982	4.729374	1.407644	.2794445	74.49005
#3	.6702729	1.694518	4.782044	1.422572	.2804885	75.00014

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6157442	.1556754	.1756011	16.11915	.4910152	.2839701
Stddev	.0012014	.0007777	.0013728	.03928	.0088084	.0017806
%RSD	.1951064	.4995374	.7817790	.2437023	1.793918	.6270460
#1	.6156323	.1563398	.1748581	16.14611	.5006807	.2836349
#2	.6146027	.1548201	.1747598	16.07408	.4889251	.2823809
#3	.6169976	.1558664	.1771852	16.13727	.4834398	.2858945

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.587780	163.7672	1.588141	37.73534	.7888113	.0472421
Stddev	.026128	3.0965	.007657	.05677	.0046841	.0008388
%RSD	.7282535	1.890790	.4821465	.1504348	.5938146	1.775477
#1	3.564295	167.1573	1.595756	37.77073	.7868472	.0482083
#2	3.583121	163.0563	1.580443	37.66987	.7854290	.0467017
#3	3.615924	161.0880	1.588224	37.76543	.7941577	.0468161

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.635867	.5537432	4.374859	24.28404	.2956269	.3089309
Stddev	.061433	.0036754	.067755	.43094	.0043583	.0018123
%RSD	1.325169	.6637388	1.548736	1.774575	1.474256	.5866504
#1	4.705146	.5562061	4.451858	24.73612	.3004634	.3075788
#2	4.614431	.5495186	4.348369	24.23806	.2944134	.3082237
#3	4.588024	.5555051	4.324352	23.87793	.2920040	.3109902

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-01A Acquired: 12/30/2024 15:51:29 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.8986195	4.057358	7.256727	F 10.43404	.6355735	.2579494
Stddev	.0060159	.014444	.116895	.06527	.0059077	.0010835
%RSD	.6694604	.3560041	1.610856	.6255784	.9295137	.4200358
#1	.8971760	4.064556	7.390421	10.43389	.6306449	.2581555
#2	.8934566	4.040729	7.205977	10.36884	.6339534	.2567777
#3	.9052258	4.066789	7.173785	10.49938	.6421223	.2589150

Elem	Sr4077
Units	ppm
Avg	.0785094
Stddev	.0030009
%RSD	3.822341
#1	.0756217
#2	.0782945
#3	.0816119

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.724	63449.76	13195.42	2121.548	3527.990
Stddev	14.653	1055.57	39.55	31.959	20.282
%RSD	.5385521	1.663628	.2997130	1.506401	.5748875
#1	2734.597	62300.69	13174.92	2088.019	3537.277
#2	2722.173	63672.20	13241.01	2124.960	3541.966
#3	2705.400	64376.37	13170.34	2151.663	3504.728

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-01 Acquired: 12/30/2024 15:55:27 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	1.001449	.0002122	.1457893	-.036130	.0009332	86.70623
Stddev	.004939	.0021434	.0017255	.002492	.0001153	1.90172
%RSD	.4931796	1010.139	1.183568	6.897628	12.35292	2.193296
#1	1.001738	.0003241	.1477738	-.033340	.0010661	84.53517
#2	1.006236	-.001985	.1446425	-.036915	.0008613	88.07715
#3	.996371	.002297	.1449517	-.038136	.0008720	87.50635

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8062318	.0094008	-.000962	54.83189	.0867229	.0526567
Stddev	.0166327	.0002084	.000203	1.24642	.0006800	.0009234
%RSD	2.063014	2.216570	21.13770	2.273174	.7840550	1.753615
#1	.7874329	.0091740	-.000926	53.45317	.0868654	.0531834
#2	.8190367	.0095837	-.000779	55.87893	.0859829	.0531963
#3	.8122258	.0094447	-.001181	55.16355	.0873203	.0515905

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2524831	120.4477	1.242574	18.51689	.1189456	-.006972
Stddev	.0030074	.1157	.027661	.46194	.0011597	.000301
%RSD	1.191130	.0960176	2.226127	2.494686	.9750117	4.321472
#1	.2541641	120.4919	1.211903	17.99146	.1198107	-.007318
#2	.2542742	120.3165	1.265631	18.85915	.1193984	-.006830
#3	.2490111	120.5348	1.250187	18.70007	.1176278	-.006768

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.58898	.2055852	.6802521	39.28099	.0952982	.0229512
Stddev	.25822	.0043053	.0018681	.25761	.0015285	.0004734
%RSD	.6522566	2.094170	.2746113	.6558215	1.603877	2.062563
#1	39.71345	.2006143	.6823825	39.50272	.0969536	.0224781
#2	39.29210	.2080167	.6794794	38.99839	.0939406	.0234249
#3	39.76139	.2081246	.6788944	39.34185	.0950003	.0229506

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-01 Acquired: 12/30/2024 15:55:27 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0197330	.8848931	F 11.02625	8.347768	2.259619	.0207622
Stddev	.0003563	.0211737	.11870	.115424	.026848	.0011675
%RSD	1.805575	2.392794	1.076509	1.382691	1.188179	5.623099
#1	.0201414	.8610913	10.88977	8.397043	2.280096	.0195788
#2	.0194860	.9016344	11.10540	8.430376	2.269538	.0207947
#3	.0195715	.8919536	11.08357	8.215885	2.229222	.0219130

Elem	Sr4077
Units	ppm
Avg	.9066089
Stddev	.0194330
%RSD	2.143480
#1	.8886601
#2	.9272461
#3	.9039205

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2942.875	65659.83	14439.13	2195.543	3583.923
Stddev	19.415	271.81	287.41	10.098	33.369
%RSD	.6597332	.4139703	1.990517	.4599429	.9310859
#1	2933.197	65365.46	14753.85	2184.096	3567.618
#2	2930.202	65901.30	14190.55	2203.190	3561.840
#3	2965.227	65712.74	14372.98	2199.343	3622.309

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-03 Acquired: 12/30/2024 15:59:42 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0027068	-.005173	.6017286	-.002696	.0114275	2.370848	.1776649
Stddev	.0024793	.001088	.0027386	.001212	.0004629	.050572	.0037694
%RSD	91.59208	21.03424	.4551247	44.97516	4.050363	2.133093	2.121618
#1	.0007865	-.005968	.6034890	-.001302	.0117603	2.396853	.1785161
#2	.0018283	-.003933	.5985734	-.003276	.0108989	2.403126	.1809359
#3	.0055058	-.005618	.6031235	-.003509	.0116232	2.312565	.1735428

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004979	.0007874	12.17894	.0568234	.0045158	.2832367	15.68986
Stddev	.0000134	.0000323	.26311	.0003922	.0001475	.0010240	.05495
%RSD	2.688758	4.105418	2.160358	.6901989	3.265123	.3615350	.3502146
#1	.0005003	.0007547	12.24359	.0572308	.0045244	.2838370	15.69143
#2	.0004835	.0007881	12.40369	.0564484	.0043643	.2820543	15.63414
#3	.0005100	.0008193	11.88953	.0567910	.0046588	.2838187	15.74400

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1661231	4.364644	.0209544	-.000358	10.58930	.0250564	.7944735
Stddev	.0039825	.085410	.0001017	.000259	.05749	.0006514	.0037546
%RSD	2.397294	1.956858	.4852932	72.43175	.5429276	2.599778	.4725950
#1	.1669195	4.390848	.0208504	-.000156	10.65293	.0244630	.7973722
#2	.1696473	4.433881	.0209593	-.000267	10.54109	.0257534	.7902322
#3	.1618027	4.269202	.0210536	-.000650	10.57389	.0249527	.7958163

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7766989	.0087955	.0099453	.0233728	.0893453	1.893319	.3972779
Stddev	.0148245	.0001318	.0003865	.0011694	.0058570	.006730	.0009026
%RSD	1.908659	1.498354	3.886492	5.003239	6.555463	.3554431	.2271919
#1	.7623717	.0086437	.0099435	.0245063	.0872363	1.900187	.3970085
#2	.7919752	.0088808	.0103327	.0221705	.0959647	1.886736	.3965406
#3	.7757496	.0088619	.0095596	.0234417	.0848348	1.893035	.3982845

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-03 Acquired: 12/30/2024 15:59:42 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	2.119363	.0005301	.0241290
Stddev	.011918	.0005915	.0009081
%RSD	.5623423	111.5748	3.763564
#1	2.124024	.0007931	.0244269
#2	2.105819	.0009445	.0248508
#3	2.128246	-.000147	.0231094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.343	57354.67	12407.37	1889.626	3650.800
Stddev	4.831	300.89	244.43	8.757	10.168
%RSD	.1947514	.5246168	1.970074	.4634038	.2785037
#1	2475.108	57103.00	12316.90	1881.144	3645.664
#2	2484.628	57687.95	12221.08	1898.633	3662.511
#3	2481.293	57273.05	12684.15	1889.100	3644.225

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5318-01 Acquired: 12/30/2024 16:03:56 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0858738	.0010897	.6960037	-.062219	-.002324	72.10330	.4803493
Stddev	.0011238	.0027224	.0089982	.006558	.001893	.26120	.0008625
%RSD	1.308686	249.8330	1.292842	10.53961	81.45361	.3622633	.1795613
#1	.0846261	-.001224	.6902680	-.061232	-.004501	72.32176	.4810567
#2	.0868065	.004089	.6913686	-.056211	-.001060	71.81398	.4806028
#3	.0861890	.000404	.7063745	-.069214	-.001412	72.17415	.4793885

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067343	-.007312	149.5671	.2259273	.0453228	.1962998	201.2920
Stddev	.0000445	.000323	.4744	.0018037	.0005078	.0027301	1.6102
%RSD	.6605796	4.417063	.3171898	.7983411	1.120354	1.390767	.7999499
#1	.0066989	-.006993	150.0644	.2254989	.0452952	.1951919	200.1960
#2	.0067842	-.007639	149.1195	.2243764	.0448294	.1942979	200.5392
#3	.0067197	-.007303	149.5174	.2279066	.0458438	.1994097	203.1407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9960620	42.49808	.0907764	-.018258	3.422582	.3267278	.5702567
Stddev	.0055453	.04569	.0012708	.000379	.025701	.0016836	.0047215
%RSD	.5567207	.1075063	1.399896	2.077565	.7509230	.5152894	.8279623
#1	1.002432	42.53083	.0905455	-.017821	3.402018	.3286678	.5687292
#2	.993444	42.51751	.0896369	-.018492	3.414334	.3256501	.5664880
#3	.992310	42.44588	.0921468	-.018463	3.451395	.3258654	.5755528

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.76451	.1724218	.0073836	.0179347	1.336597	9.611452	3.777174
Stddev	.10718	.0021044	.0001638	.0010601	.003916	.079868	.051099
%RSD	.9956953	1.220526	2.218121	5.910984	.2930111	.8309623	1.352848
#1	10.72124	.1708690	.0072704	.0180220	1.340894	9.566972	3.736835
#2	10.68573	.1715794	.0073090	.0168336	1.333227	9.563728	3.760052
#3	10.88656	.1748170	.0075714	.0189485	1.335672	9.703656	3.834636

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5318-01 Acquired: 12/30/2024 16:03:56 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	7.056881	.0314282	.3378257
Stddev	.077136	.0004700	.0026191
%RSD	1.093065	1.495561	.7752716
#1	7.009733	.0310937	.3404460
#2	7.015011	.0312253	.3378233
#3	7.145898	.0319656	.3352079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2620.980	57647.42	12735.22	1918.224	3586.784
Stddev	20.760	527.21	52.12	16.684	33.336
%RSD	.7920636	.9145345	.4092451	.8697821	.9294241
#1	2631.175	57962.00	12691.93	1929.993	3607.071
#2	2634.671	57941.48	12793.07	1925.549	3604.973
#3	2597.093	57038.77	12720.66	1899.130	3548.310

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5387-01 Acquired: 12/30/2024 16:08:01 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.1276739	-.030046	.4147842	-.136773	-.017328	228.9193	1.234142
Stddev	.0060964	.004024	.0010274	.001156	.004018	1.3176	.002333
%RSD	4.775003	13.39193	.2477035	.8451828	23.18712	.5755847	.1890265
#1	.1302574	-.034239	.4158333	-.136351	-.013051	229.8050	1.236768
#2	.1320531	-.026216	.4147393	-.135887	-.017910	229.5477	1.233348
#3	.1207111	-.029684	.4137799	-.138081	-.021023	227.4051	1.232309

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168760	-.003410	53.83711	.4792305	.3001089	.6670584	406.9471
Stddev	.0001297	.000406	.27749	.0032394	.0004449	.0015854	.7035
%RSD	.7682842	11.91692	.5154295	.6759497	.1482337	.2376736	.1728665
#1	.0169747	-.003735	53.96865	.4826578	.2999568	.6671517	406.9454
#2	.0169242	-.003541	54.02438	.4788145	.3006099	.6654284	407.6515
#3	.0167292	-.002955	53.51831	.4762193	.2997601	.6685951	406.2445

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.901114	122.0346	.4898252	-.042478	18.47789	.7649178	.8307265
Stddev	.047143	.6026	.0005052	.000343	.04887	.0028477	.0030931
%RSD	.5296333	.4938200	.1031390	.8083946	.2644912	.3722938	.3723401
#1	8.935800	122.2769	.4893142	-.042831	18.52654	.7670066	.8336624
#2	8.920105	122.4785	.4903244	-.042457	18.42880	.7660729	.8310202
#3	8.847437	121.3486	.4898369	-.042145	18.47833	.7616740	.8274970

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	58.65439	.3982192	.0019389	.0219869	7.058512	4.961227	9.792575
Stddev	.21784	.0013145	.0002940	.0017867	.029523	.015704	.016004
%RSD	.3713886	.3300989	15.16357	8.126245	.4182614	.3165250	.1634320
#1	58.85797	.3982416	.0017313	.0240404	7.081285	4.978298	9.774961
#2	58.42466	.3995224	.0022754	.0207878	7.069096	4.957988	9.796537
#3	58.68054	.3968936	.0018101	.0211324	7.025156	4.947396	9.806225

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5387-01 Acquired: 12/30/2024 16:08:01 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	1.778433	.4166869	.0489704
Stddev	.005872	.0009581	.0010959
%RSD	.3301823	.2299254	2.237968
#1	1.774637	.4177837	.0501802
#2	1.775465	.4162635	.0480438
#3	1.785196	.4160135	.0486873

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3065.733	69827.38	15443.37	2343.919	3344.124
Stddev	7.878	270.03	102.44	13.268	3.789
%RSD	.2569703	.3867044	.6633263	.5660422	.1132943
#1	3073.260	69632.96	15394.33	2335.658	3348.424
#2	3066.395	69713.48	15374.67	2336.876	3342.675
#3	3057.545	70135.69	15561.11	2359.223	3341.274

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV03 Acquired: 12/30/2024 16:12:22 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	4.847864	4.811483	4.832755	4.957893	4.905227	9.264407	9.204600
Stddev	.018307	.065695	.025561	.026358	.010216	.147853	.117687
%RSD	.3776403	1.365377	.5289079	.5316278	.2082576	1.595926	1.278562
#1	4.867887	4.880551	4.862086	4.985480	4.911668	9.253487	9.171825
#2	4.831980	4.749782	4.815234	4.932967	4.893448	9.122316	9.106776
#3	4.843726	4.804118	4.820946	4.955230	4.910564	9.417417	9.335201

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2415094	2.458042	23.71540	.9804228	2.409699	1.208368	4.743182
Stddev	.0025013	.011128	.35175	.0059444	.012769	.004247	.013085
%RSD	1.035713	.4527101	1.483202	.6063054	.5299189	.3515043	.2758750
#1	.2425997	2.470665	23.69403	.9862110	2.424439	1.213241	4.758168
#2	.2386479	2.449653	23.37483	.9807235	2.402657	1.205456	4.734020
#3	.2432805	2.453808	24.07735	.9743337	2.402001	1.206405	4.737357

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.331954	24.10446	2.419626	1.201745	23.13694	2.351722	2.370667
Stddev	.033906	.28919	.012136	.005095	.10432	.035066	.011290
%RSD	1.453977	1.199716	.5015726	.4239492	.4508755	1.491069	.4762489
#1	2.341107	24.04274	2.433609	1.207483	23.23427	2.355717	2.381064
#2	2.294412	23.85112	2.413429	1.199999	23.02681	2.314829	2.358657
#3	2.360345	24.41952	2.411839	1.197752	23.14974	2.384618	2.372279

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.26267	4.751327	4.786860	4.841489	4.657858	4.706953	4.963890
Stddev	.11830	.047677	.017943	.028069	.066125	.014165	.050679
%RSD	.5085270	1.003452	.3748289	.5797655	1.419654	.3009385	1.020961
#1	23.36967	4.755107	4.807246	4.873600	4.660425	4.708745	5.020991
#2	23.13563	4.701872	4.773466	4.821614	4.590486	4.691978	4.946430
#3	23.28270	4.797001	4.779869	4.829254	4.722662	4.720137	4.924250

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV03 Acquired: 12/30/2024 16:12:22 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	4.834226	4.542410	4.671783
Stddev	.036841	.069598	.049877
%RSD	.7620965	1.532172	1.067624
#1	4.875494	4.543673	4.667211
#2	4.804647	4.472189	4.624349
#3	4.822537	4.611367	4.723788

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2465.925	57090.24	11455.05	1890.605	3576.379
Stddev	7.581	253.95	141.52	11.664	16.465
%RSD	.3074181	.4448191	1.235453	.6169519	.4603899
#1	2457.251	56797.84	11430.86	1879.186	3558.542
#2	2469.237	57255.50	11607.11	1902.499	3579.596
#3	2471.285	57217.40	11327.18	1890.130	3590.998

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB03 Acquired: 12/30/2024 16:16:33 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0011972	-.002369	-.000085	-.001065	-.001841	-.002572	.0005596
Stddev	.0015165	.001950	.000282	.001675	.001309	.001855	.0001987
%RSD	126.6769	82.30106	329.7508	157.3142	71.12678	72.09790	35.49794
#1	-.000022	-.004501	-.000302	.000840	-.003163	-.001492	.0006154
#2	.000719	-.001932	-.000188	-.002310	-.000545	-.001511	.0003390
#3	.002895	-.000675	.000233	-.001725	-.001815	-.004714	.0007244

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000219	.0001408	-.002265	.0001622	-.000132	-.000429	.0119508
Stddev	.0000208	.0001185	.004059	.0000270	.000123	.000039	.0017571
%RSD	94.96422	84.15903	179.1870	16.64790	93.26560	9.105577	14.70270
#1	.0000429	.0000687	-.001826	.0001327	-.000251	-.000384	.0138474
#2	.0000013	.0002776	.001556	.0001682	-.000006	-.000452	.0103783
#3	.0000216	.0000762	-.006526	.0001857	-.000138	-.000451	.0116269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000980	-.007067	-.000183	.0005039	.0134584	-.000063	-.000202
Stddev	.000083	.008383	.000123	.0002585	.0070912	.000884	.000076
%RSD	8.445016	118.6204	67.36287	51.30294	52.68988	1412.857	37.85825
#1	-.000896	-.016744	-.000162	.0007795	.0066903	-.000828	-.000242
#2	-.000981	-.002027	-.000316	.0004651	.0128512	-.000266	-.000249
#3	-.001062	-.002430	-.000072	.0002670	.0208336	.000906	-.000114

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048358	-.000072	.0002719	.0033866	.0008042	-.005932	-.000703
Stddev	.0239049	.000270	.0002077	.0005704	.0003833	.002691	.000526
%RSD	494.3312	374.7825	76.37230	16.84213	47.65950	45.35789	74.92149
#1	.0110217	-.000370	.0005116	.0027407	.0012325	-.006982	-.000127
#2	-.021554	-.000002	.0001473	.0038211	.0004935	-.007939	-.000821
#3	.025040	.000156	.0001568	.0035981	.0006867	-.002875	-.001160

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB03 Acquired: 12/30/2024 16:16:33 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.000793	-.000343	.0000882
Stddev	.001516	.000996	.0000271
%RSD	191.1002	290.1341	30.70207
#1	-.000149	-.000687	.0001149
#2	-.002525	.000779	.0000890
#3	.000294	-.001121	.0000607

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.749	59719.39	12163.83	1983.379	3745.625
Stddev	14.060	334.66	8.58	10.916	17.857
%RSD	.5509894	.5603941	.0705518	.5503606	.4767561
#1	2564.750	59487.26	12155.57	1975.324	3760.644
#2	2536.827	60103.02	12163.23	1995.803	3725.880
#3	2553.668	59567.91	12172.70	1979.011	3750.352

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165863BL Acquired: 12/30/2024 16:20:54 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0013647	-.001023	.0000101	.0004168	-.000691	-.003707	.0002248
Stddev	.0013166	.001063	.0009657	.0031964	.000336	.003431	.0006821
%RSD	96.47778	103.9145	9568.051	766.8070	48.61631	92.56030	303.3572
#1	.0011118	-.001661	.0004617	-.003054	-.000341	-.000430	.0003689
#2	.0001928	-.001611	-.001099	.001064	-.000723	-.007274	.0008234
#3	.0027893	.000204	.000667	.003240	-.001011	-.003417	-.000518

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000255	.0000962	-.006241	-.000495	.0000442	-.000423	-.001253
Stddev	.0000112	.0000390	.003076	.000391	.0001164	.000299	.001567
%RSD	43.78357	40.56683	49.28842	78.90248	263.4933	70.77802	125.0690
#1	.0000287	.0000515	-.009313	-.000273	.0000745	-.000630	.000549
#2	.0000131	.0001233	-.006250	-.000267	-.000084	-.000080	-.002296
#3	.0000347	.0001139	-.003161	-.000947	.000142	-.000558	-.002013

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000137	-.008113	.0003623	.0002838	.0328847	.0011677	-.000413
Stddev	.000230	.005826	.0001325	.0001264	.0061072	.0005627	.000156
%RSD	168.4181	71.80957	36.57703	44.55148	18.57168	48.19006	37.80557
#1	-.000256	-.009958	.0002144	.0001403	.0330626	.0015297	-.000237
#2	-.000282	-.012794	.0004702	.0003788	.0389010	.0014541	-.000469
#3	.000129	-.001588	.0004024	.0003322	.0266904	.0005194	-.000534

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689504	-.002218	-.000086	-.000117	-.000080	-.001567	-.001602
Stddev	.0023375	.000301	.000394	.000118	.000211	.004650	.000262
%RSD	3.390121	13.58975	460.8220	100.8359	263.3329	296.6652	16.35550
#1	.0704667	-.001910	.000279	-.000014	-.000318	-.006045	-.001364
#2	.0662584	-.002231	-.000032	-.000247	.000083	.003237	-.001560
#3	.0701261	-.002513	-.000503	-.000092	-.000005	-.001893	-.001883

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165863BL Acquired: 12/30/2024 16:20:54 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0003258	-.000969	-.000011
Stddev	.0017326	.000950	.000015
%RSD	531.7702	98.10703	134.3313
#1	.0003477	-.000216	-.000009
#2	-.001418	-.000653	.000002
#3	.002047	-.002037	-.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2583.170	57984.29	12036.01	1953.748	3809.192
Stddev	9.081	221.48	121.13	9.336	12.053
%RSD	.3515428	.3819712	1.006426	.4778743	.3164062
#1	2592.653	57737.06	12043.72	1943.608	3819.874
#2	2582.302	58164.57	11911.20	1961.988	3811.578
#3	2574.554	58051.26	12153.10	1955.651	3796.126

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165863BS Acquired: 12/30/2024 16:25:14 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7860459	1.885377	.9615738	1.946179	.7615206	1.779763
Stddev	.0038290	.004894	.0025642	.008699	.0018665	.014038
%RSD	.4871248	.2595921	.2666711	.4469973	.2451009	.7887327
#1	.7856990	1.891002	.9612641	1.951433	.7607281	1.781542
#2	.7824020	1.882095	.9591784	1.936138	.7601812	1.792827
#3	.7900365	1.883034	.9642787	1.950967	.7636526	1.764921

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1778341	.1961050	.1992073	.9433556	.4012915	.1946369
Stddev	.0014148	.0007249	.0008996	.0036627	.0013602	.0006997
%RSD	.7955670	.3696509	.4515719	.3882658	.3389553	.3594882
#1	.1782046	.1957859	.1995760	.9429543	.4026553	.1945766
#2	.1790268	.1969347	.1981819	.9472024	.4012842	.1939692
#3	.1762709	.1955945	.1998639	.9399099	.3999349	.1953647

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2944777	2.893017	.1877063	1.894200	.4921426	.0751024
Stddev	.0016318	.018802	.0014090	.005277	.0023508	.0000949
%RSD	.5541407	.6499084	.7506574	.2785879	.4776592	.1263761
#1	.2944700	2.901412	.1882586	1.900281	.4924344	.0751300
#2	.2928497	2.906159	.1887555	1.890831	.4896596	.0749967
#3	.2961134	2.871480	.1861048	1.891487	.4943339	.0751804

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.711434	.2784745	.1957279	8.868763	.2827792	.3829703
Stddev	.017169	.0012294	.0019378	.076898	.0014098	.0015031
%RSD	.6332074	.4414808	.9900300	.8670634	.4985500	.3924902
#1	2.714657	.2786396	.1970744	8.883233	.2812243	.3832382
#2	2.726764	.2796131	.1966023	8.937398	.2839740	.3813512
#3	2.692883	.2771709	.1935070	8.785658	.2831393	.3843215

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165863BS Acquired: 12/30/2024 16:25:14 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.6796551	.1824103	F .6910390	5.903310	F -.011505	.1833207
Stddev	.0045844	.0004047	.0014111	.020734	.002309	.0019844
%RSD	.6745177	.2218823	.2041934	.3512247	20.06654	1.082486
#1	.6811284	.1823576	.6897688	5.914889	-.010353	.1840093
#2	.6745151	.1828388	.6907904	5.879373	-.010000	.1848691
#3	.6833217	.1820345	.6925578	5.915669	-.014163	.1810837

Elem	Sr4077
Units	ppm
Avg	.1807046
Stddev	.0010885
%RSD	.6023648
#1	.1806055
#2	.1818392
#3	.1796690

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2547.517	58906.48	11683.66	1986.023	3723.343
Stddev	12.419	261.93	32.71	9.923	17.021
%RSD	.4874864	.4446490	.2799867	.4996450	.4571389
#1	2551.453	58669.86	11692.27	1977.727	3729.247
#2	2557.490	58861.65	11647.51	1983.327	3736.626
#3	2533.607	59187.92	11711.21	1997.016	3704.157

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-02 Acquired: 12/30/2024 16:29:14 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.002633	-.007281	.0861274	.0027591	-.000088	.0770766	.1282643
Stddev	.001299	.001439	.0008059	.0033185	.001061	.0070441	.0015929
%RSD	49.34856	19.75662	.9356705	120.2750	1211.500	9.139050	1.241909
#1	-.002996	-.005620	.0870570	.0065628	-.001305	.0807957	.1286556
#2	-.003711	-.008106	.0856977	.0004564	.000400	.0814818	.1296251
#3	-.001190	-.008118	.0856274	.0012580	.000642	.0689525	.1265122

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	.0007416	3.815699	.0006358	.0050551	.1591494	.0619333
Stddev	.000032	.0001025	.018510	.0002226	.0000703	.0011420	.0059043
%RSD	1534.039	13.81442	.4850969	35.01402	1.391059	.7175733	9.533348
#1	.000022	.0007082	3.819046	.0008202	.0051273	.1578326	.0615170
#2	.000010	.0006600	3.832307	.0006989	.0049868	.1598680	.0680348
#3	-.000039	.0008566	3.795744	.0003885	.0050513	.1597477	.0562482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1080560	.4267917	.0046805	.0001635	283.6147	.0001554	.2173249
Stddev	.0011404	.0115202	.0004019	.0003803	9.4155	.0009239	.0094888
%RSD	1.055404	2.699264	8.586360	232.5413	3.319821	594.5959	4.366159
#1	.1089099	.4155541	.0042238	.0005762	281.3654	.0005448	.2158052
#2	.1084973	.4385752	.0048377	-.000173	293.9512	.0008208	.2274819
#3	.1067609	.4262459	.0049801	.000087	275.5277	-.000899	.2086878

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9602749	.0058047	-.000066	.0006791	.0016611	.3441409	.0167298
Stddev	.0263963	.0008284	.000286	.0006906	.0005326	.0146403	.0012851
%RSD	2.748822	14.27070	430.3198	101.6879	32.06365	4.254142	7.681423
#1	.9735983	.0051086	.000249	.0001070	.0018446	.3538217	.0170120
#2	.9773540	.0067209	-.000310	.0014462	.0020776	.3513026	.0153270
#3	.9298724	.0055845	-.000138	.0004841	.0010610	.3272985	.0178502

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5362-02 Acquired: 12/30/2024 16:29:14 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.4305263	-.002216	.0269521
Stddev	.0024837	.000762	.0002256
%RSD	.5768893	34.40796	.8369575
#1	.4293998	-.002138	.0271564
#2	.4333736	-.001495	.0269899
#3	.4288056	-.003014	.0267100

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.670	54935.07	11410.84	1868.430	3619.245
Stddev	16.210	1791.79	57.85	68.006	25.403
%RSD	.6451219	3.261649	.5069385	3.639760	.7018823
#1	2531.287	55073.98	11416.08	1876.943	3646.076
#2	2501.682	53077.87	11350.55	1796.568	3595.564
#3	2505.042	56653.36	11465.88	1931.780	3616.094

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5380-02 Acquired: 12/30/2024 16:33:39 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.005435	-.007929	.0300771	.0040768	.0024404	.3139243	.0731108
Stddev	.002295	.002115	.0009596	.0020356	.0019818	.0047594	.0004955
%RSD	42.22664	26.66684	3.190594	49.93263	81.20875	1.516111	.6777622
#1	-.006604	-.006249	.0290286	.0064123	.0013566	.3098222	.0732303
#2	-.006910	-.007236	.0309118	.0031387	.0012368	.3128082	.0725664
#3	-.002791	-.010304	.0302910	.0026793	.0047278	.3191427	.0735356

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000208	-.000164	11.54528	.0050749	.0005168	.0275485	.5057099
Stddev	.0000611	.000086	.02804	.0000663	.0003465	.0000540	.0028359
%RSD	294.4306	52.25844	.2428641	1.307152	67.05166	.1959685	.5607754
#1	.0000413	-.000092	11.52521	.0051515	.0007051	.0275740	.5029310
#2	.0000689	-.000258	11.53330	.0050343	.0001169	.0275851	.5055989
#3	-.000048	-.000141	11.57731	.0050389	.0007283	.0274865	.5085996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0439444	.6201925	.0035941	.0001089	284.3184	.0021948	.0530759
Stddev	.0001939	.0035738	.0001323	.0003642	2.3506	.0011889	.0006212
%RSD	.4412328	.5762379	3.680234	334.4545	.8267502	54.17093	1.170335
#1	.0441525	.6214362	.0035418	.0004793	283.9924	.0015243	.0527127
#2	.0439117	.6229783	.0037446	.0000963	286.8150	.0014925	.0537931
#3	.0437688	.6161631	.0034960	-.000249	282.1478	.0035675	.0527219

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3243862	.0050462	.0002882	-.000001	.0017534	1.490307	.0073707
Stddev	.0296825	.0002028	.0001021	.000588	.0003645	.020022	.0011251
%RSD	9.150361	4.019443	35.42759	97227.74	20.78919	1.343483	15.26476
#1	.2977536	.0048962	.0003624	-.000212	.0019613	1.486133	.0064393
#2	.3190188	.0049654	.0001718	-.000454	.0013325	1.512087	.0086208
#3	.3563862	.0052769	.0003306	.000664	.0019663	1.472701	.0070520

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5380-02 Acquired: 12/30/2024 16:33:39 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.5281914	-.003316	.0149530
Stddev	.0053751	.000208	.0000559
%RSD	1.017651	6.285804	.3740284
#1	.5337961	-.003087	.0149974
#2	.5230798	-.003365	.0148902
#3	.5276983	-.003496	.0149715

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.871	53952.12	11680.34	1831.108	3415.345
Stddev	5.758	410.79	29.48	10.684	11.583
%RSD	.2395374	.7614047	.2523580	.5834536	.3391411
#1	2399.001	53963.94	11701.76	1827.009	3403.987
#2	2402.386	53535.54	11692.54	1823.080	3414.908
#3	2410.226	54356.88	11646.72	1843.234	3427.140

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-02 Acquired: 12/30/2024 16:38:07 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0165109	-.006830	.0056714	.0029848	.0004390	.1004892	.2194861
Stddev	.0011418	.002401	.0007360	.0025777	.0001417	.0034992	.0016994
%RSD	6.915275	35.15313	12.97792	86.35922	32.28143	3.482167	.7742752
#1	.0177773	-.005087	.0048227	.0023651	.0005569	.0969300	.2213432
#2	.0155602	-.005834	.0060567	.0058159	.0002818	.1006125	.2180086
#3	.0161952	-.009569	.0061349	.0007735	.0004782	.1039252	.2191064

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000028	.0002060	15.19181	.0008427	.0013998	.0136217	.0921951
Stddev	.0000069	.0000583	.06750	.0001682	.0002463	.0001426	.0039564
%RSD	245.3166	28.27299	.4443452	19.95778	17.59429	1.046648	4.291293
#1	-.000003	.0001558	15.24723	.0008481	.0011378	.0134996	.0958974
#2	.000010	.0001925	15.11663	.0010080	.0014350	.0135872	.0880261
#3	.000002	.0002699	15.21158	.0006718	.0016266	.0137784	.0926617

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1183640	2.987511	.0042807	-.000126	284.8459	.0003494	.1720261
Stddev	.0006477	.030646	.0001408	.000151	3.2918	.0016171	.0006931
%RSD	.5472120	1.025794	3.288460	119.7429	1.155629	462.8495	.4029192
#1	.1190914	2.998742	.0042473	.000031	287.8940	.0017515	.1725385
#2	.1178498	2.952834	.0044352	-.000269	285.2883	-.001420	.1723023
#3	.1181509	3.010956	.0041597	-.000140	281.3553	.000716	.1712374

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.19800	.0444305	.0005924	-.000102	.0017502	2.736920	.0475204
Stddev	.06155	.0003976	.0000517	.000775	.0001059	.011011	.0010764
%RSD	.6035113	.8949087	8.724942	763.4912	6.051432	.4023051	2.265148
#1	10.24767	.0444944	.0005468	-.000117	.0018654	2.743057	.0463669
#2	10.21719	.0440049	.0005818	.000681	.0016571	2.743495	.0484980
#3	10.12915	.0447924	.0006485	-.000869	.0017281	2.724208	.0476963

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-02 Acquired: 12/30/2024 16:38:07 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	1.930990	.0045682	.1215343
Stddev	.005529	.0001055	.0006742
%RSD	.2863473	2.310065	.5547646
#1	1.924631	.0044526	.1222855
#2	1.933675	.0046595	.1209816
#3	1.934665	.0045923	.1213359

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2470.623	53561.58	11577.36	1806.821	3582.074
Stddev	3.573	330.41	61.06	8.670	9.654
%RSD	.1446090	.6168839	.5273704	.4798458	.2695019
#1	2473.622	53309.23	11511.30	1806.502	3592.575
#2	2466.670	53439.93	11631.71	1798.316	3580.064
#3	2471.578	53935.57	11589.08	1815.647	3573.584

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04 Acquired: 12/30/2024 16:42:32 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.002525	-.006111	.0337410	.0024699	.0003868	.0340958	.0340548
Stddev	.001668	.001574	.0009176	.0002939	.0008230	.0026273	.0019090
%RSD	66.04674	25.76315	2.719505	11.90127	212.7774	7.705534	5.605526
#1	-.002643	-.004315	.0332349	.0027788	.0010050	.0371279	.0349448
#2	-.004131	-.007252	.0331879	.0024371	-.000547	.0324945	.0353562
#3	-.000802	-.006767	.0348002	.0021937	.000703	.0326651	.0318634

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000069	-.000013	1.256233	.0010162	-.000296	.0118216	.0407384
Stddev	.000031	.000055	.042918	.0003283	.000091	.0002420	.0012090
%RSD	45.50119	420.7748	3.416384	32.30716	30.71489	2.046700	2.967745
#1	-.000039	-.000010	1.271477	.0011408	-.000333	.0119104	.0407988
#2	-.000065	.000040	1.289448	.0012638	-.000192	.0115478	.0419161
#3	-.000102	-.000069	1.207774	.0006438	-.000363	.0120066	.0395003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117244	.3417084	.0033478	.0000486	302.8358	-.000233	.0951950
Stddev	.0005485	.0073829	.0003249	.0001523	2.8904	.001010	.0004062
%RSD	4.678002	2.160573	9.703303	313.6018	.9544549	433.4836	.4267581
#1	.0122192	.3375100	.0030141	-.000043	305.0407	.000726	.0955369
#2	.0118194	.3502331	.0036630	.000224	299.5635	-.000138	.0947459
#3	.0111347	.3373822	.0033665	-.000036	303.9033	-.001288	.0953021

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1236742	-.001758	.0001956	.0001885	.0004868	.0441756	.0106552
Stddev	.0209025	.000974	.0002346	.0004429	.0003230	.0053922	.0041059
%RSD	16.90129	55.39533	119.9385	234.9098	66.35344	12.20617	38.53465
#1	.1229442	-.001103	.0003835	.0001797	.0001530	.0394583	.0127903
#2	.1449322	-.001294	-.000067	-.000250	.0005096	.0430149	.0059216
#3	.1031462	-.002877	.000271	.000636	.0007978	.0500536	.0132536

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04 Acquired: 12/30/2024 16:42:32 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.1909798	-.002945	.0041970
Stddev	.0042007	.000283	.0000950
%RSD	2.199545	9.603629	2.262718
#1	.1902788	-.002954	.0042705
#2	.1871737	-.003222	.0042308
#3	.1954869	-.002657	.0040898

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.244	54372.66	11644.32	1809.268	3595.796
Stddev	10.126	281.84	427.07	10.548	14.874
%RSD	.4079389	.5183425	3.667632	.5829767	.4136368
#1	2486.400	54237.98	11416.63	1806.165	3594.529
#2	2489.631	54696.57	11379.34	1821.019	3611.263
#3	2470.701	54183.43	12136.99	1800.620	3581.597

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04DUP Acquired: 12/30/2024 16:47:00 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.003714	-.006837	.0337392	.0047458	.0010086	.0378336	.0349962
Stddev	.001912	.001504	.0009572	.0027880	.0009119	.0017223	.0001946
%RSD	51.48334	21.99214	2.836928	58.74811	90.41497	4.552293	.5561942
#1	-.004194	-.005275	.0347484	.0024970	.0000560	.0381857	.0349151
#2	-.001607	-.008274	.0336250	.0038750	.0018735	.0359625	.0352182
#3	-.005340	-.006961	.0328443	.0078653	.0010964	.0393527	.0348552

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000073	-.000015	1.265660	.0010918	-.000355	.0118476	.0379066
Stddev	.000027	.000042	.009653	.0003259	.000103	.0002176	.0035128
%RSD	36.88602	277.9767	.7626556	29.84895	29.10706	1.836747	9.267079
#1	-.000097	-.000036	1.261407	.0008388	-.000427	.0118512	.0403670
#2	-.000044	-.000042	1.276708	.0009772	-.000237	.0120634	.0338836
#3	-.000078	.000033	1.258864	.0014596	-.000401	.0116282	.0394692

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118046	.3361792	.0033250	-.000133	306.3910	.0002672	.0938832
Stddev	.0005507	.0170419	.0001810	.000045	1.4422	.0008584	.0005556
%RSD	4.665335	5.069288	5.443297	34.03047	.4707046	321.2434	.5917738
#1	.0111701	.3456042	.0031914	-.000135	305.4053	.0012503	.0944248
#2	.0120839	.3464267	.0035310	-.000087	308.0463	-.000115	.0933146
#3	.0121596	.3165066	.0032526	-.000178	305.7215	-.000334	.0939101

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1566765	-.001749	.0002424	.0005161	.0001910	.0385340	.0091932
Stddev	.0150291	.000280	.0000240	.0009113	.0004781	.0033070	.0020202
%RSD	9.592464	16.03018	9.911791	176.5798	250.2379	8.582097	21.97459
#1	.1733334	-.001452	.0002693	.0015597	-.000311	.0411137	.0115119
#2	.1525652	-.002009	.0002231	.0001114	.000641	.0396824	.0078130
#3	.1441308	-.001786	.0002348	-.000123	.000244	.0348059	.0082546

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04DUP Acquired: 12/30/2024 16:47:00 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.1896689	-.002595	.0043118
Stddev	.0017641	.001050	.0000525
%RSD	.9300858	40.47813	1.217541
#1	.1879898	-.002840	.0042606
#2	.1895096	-.001444	.0043655
#3	.1915072	-.003501	.0043093

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.048	54407.43	11797.13	1848.943	3601.311
Stddev	5.659	196.62	30.87	12.232	5.613
%RSD	.2254655	.3613900	.2617118	.6615692	.1558697
#1	2509.822	54183.23	11793.34	1835.356	3596.226
#2	2515.817	54550.51	11829.72	1859.078	3607.334
#3	2504.505	54488.55	11768.32	1852.395	3600.372

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04LX5 Acquired: 12/30/2024 16:51:28 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0027990	-.001890	.0069039	-.000704	-.000367	.0104454	.0101313
Stddev	.0007561	.002259	.0010626	.003472	.000465	.0073384	.0002916
%RSD	27.01470	119.4784	15.39120	493.3244	126.8099	70.25531	2.878080
#1	.0031614	-.004379	.0063947	.001525	.000120	.0133793	.0102372
#2	.0019299	.000029	.0081252	-.004705	-.000807	.0020939	.0103551
#3	.0033057	-.001320	.0061916	.001068	-.000413	.0158630	.0098015

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	.0000663	.2603420	.0001965	-.000029	.0020383	.0077092
Stddev	.000049	.0000939	.0079771	.0001930	.000052	.0004010	.0040031
%RSD	636.7069	141.5617	3.064098	98.18901	175.2425	19.67461	51.92598
#1	-.000058	-.000030	.2545675	.0004152	-.000075	.0023141	.0118800
#2	-.000005	.000071	.2570142	.0000501	-.000040	.0015782	.0038981
#3	.000040	.000158	.2694442	.0001242	.000027	.0022225	.0073496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017740	.0594564	.0007093	.0002696	57.81320	.0009551	.0182242
Stddev	.0001378	.0068053	.0001780	.0004527	.58071	.0007673	.0001391
%RSD	7.767604	11.44581	25.10019	167.8974	1.004460	80.33358	.7632732
#1	.0018063	.0660378	.0009078	.0004784	57.91988	.0002677	.0182166
#2	.0016229	.0524475	.0005637	.0005802	58.33318	.0008147	.0183669
#3	.0018927	.0598838	.0006564	-.000250	57.18655	.0017829	.0180890

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0849280	-.005108	.0001416	.0027964	.0002490	.0060694	.0021256
Stddev	.0338595	.001085	.0000296	.0001197	.0004216	.0047592	.0020618
%RSD	39.86851	21.24629	20.93925	4.279954	169.3049	78.41299	97.00030
#1	.0653892	-.006343	.0001742	.0027411	.0002290	.0026156	.0037740
#2	.0653691	-.004672	.0001164	.0029338	.0006803	.0114981	-.000186
#3	.1240256	-.004308	.0001341	.0027144	-.000162	.0040945	.002789

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04LX5 Acquired: 12/30/2024 16:51:28 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0366574	.0034744	.0008304
Stddev	.0040565	.0005719	.0000010
%RSD	11.06608	16.45944	.1227522
#1	.0401513	.0028141	.0008296
#2	.0322086	.0037963	.0008301
#3	.0376123	.0038127	.0008316

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2601.970	57659.32	11462.68	1984.275	3760.488
Stddev	12.655	538.38	20.87	19.765	12.322
%RSD	.4863602	.9337332	.1821059	.9961028	.3276718
#1	2614.560	57547.69	11439.91	1974.432	3774.587
#2	2602.099	57185.49	11467.23	1971.364	3751.784
#3	2589.251	58244.76	11480.91	2007.029	3755.091

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04MS Acquired: 12/30/2024 16:55:48 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7494984	1.786836	.9535219	1.793620	.6685910	1.749662	.2041487
Stddev	.0046815	.006281	.0061912	.009513	.0010427	.009404	.0003628
%RSD	.6246239	.3515408	.6493014	.5303872	.1559478	.5374689	.1777052
#1	.7534811	1.784913	.9590702	1.803115	.6679528	1.758931	.2045083
#2	.7443415	1.793855	.9546522	1.784089	.6697942	1.740129	.2037828
#3	.7506725	1.781741	.9468434	1.793657	.6680260	1.749925	.2041549

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1864992	.1922788	2.132683	.3960471	.1892349	.2800759	2.886808
Stddev	.0010532	.0011652	.014483	.0003829	.0011504	.0018689	.008110
%RSD	.5647057	.6060029	.6790867	.0966673	.6079437	.6672783	.2809225
#1	.1873148	.1933362	2.148383	.3963113	.1903753	.2822329	2.896160
#2	.1853102	.1924705	2.119844	.3962219	.1892548	.2789403	2.882542
#3	.1868725	.1910296	2.129824	.3956080	.1880747	.2790545	2.881721

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1949662	2.180322	.4773039	.0729114	285.1633	.2730914	.2763276
Stddev	.0008489	.010635	.0020701	.0002313	2.3310	.0008703	.0010990
%RSD	.4353992	.4877671	.4337096	.3172795	.8174317	.3186777	.3977227
#1	.1959326	2.182099	.4794100	.0728974	287.8517	.2726089	.2773684
#2	.1943411	2.189957	.4772300	.0731494	283.9350	.2725692	.2764361
#3	.1946249	2.168911	.4752717	.0726873	283.7034	.2740960	.2751784

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.515631	.2511361	.3514173	.6212838	.1657519	.7024421	5.859507
Stddev	.016555	.0025956	.0019519	.0028667	.0003456	.0154514	.027103
%RSD	.1739806	1.033528	.5554427	.4614108	.2085299	2.199664	.4625398
#1	9.528801	.2531865	.3534406	.6245284	.1659953	.6866737	5.883408
#2	9.497046	.2482178	.3495455	.6202290	.1653563	.7175556	5.865053
#3	9.521046	.2520040	.3512658	.6190939	.1659042	.7030971	5.830061

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04MS Acquired: 12/30/2024 16:55:48 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.2062950	.1752851	.1766935
Stddev	.0027496	.0009374	.0004187
%RSD	1.332834	.5347899	.2369495
#1	.2081874	.1762151	.1770399
#2	.2075564	.1743404	.1762282
#3	.2031410	.1752997	.1768122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.151	53205.03	10943.96	1815.180	3431.105
Stddev	12.930	149.04	72.70	7.744	18.957
%RSD	.5360172	.2801179	.6643218	.4266148	.5524943
#1	2397.230	53040.88	10861.67	1806.666	3411.066
#2	2420.047	53242.36	10999.50	1817.070	3433.496
#3	2419.177	53331.85	10970.70	1821.804	3448.752

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04MSD Acquired: 12/30/2024 16:59:58 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7433399	1.795479	.9491619	1.793363	.6742868	1.757407	.2037006
Stddev	.0028497	.007276	.0059428	.010018	.0046049	.009266	.0010380
%RSD	.3833622	.4052400	.6261064	.5586124	.6829317	.5272596	.5095512
#1	.7440531	1.789746	.9453144	1.783181	.6708796	1.756835	.2038201
#2	.7457653	1.803665	.9560064	1.803208	.6795257	1.748440	.2026080
#3	.7402014	1.793027	.9461648	1.793700	.6724551	1.766946	.2046736

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1860339	.1922673	2.133276	.3923220	.1893083	.2774658	2.818550
Stddev	.0006470	.0012119	.010225	.0061876	.0014942	.0010285	.028500
%RSD	.3477641	.6303341	.4792884	1.577165	.7893006	.3706799	1.011159
#1	.1854770	.1914260	2.128178	.3855594	.1884123	.2778592	2.785655
#2	.1858812	.1936564	2.126603	.3976999	.1910332	.2782395	2.834156
#3	.1867436	.1917194	2.145048	.3937069	.1884793	.2762986	2.835839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1939065	2.193834	.4739922	.0714124	278.4284	.2760853	.2722587
Stddev	.0007518	.031280	.0020739	.0011099	5.7032	.0023761	.0046330
%RSD	.3877203	1.425818	.4375343	1.554210	2.048339	.8606266	1.701692
#1	.1938902	2.212413	.4737885	.0702684	272.1984	.2734078	.2669197
#2	.1931630	2.157720	.4761604	.0724848	283.3916	.2769055	.2752217
#3	.1946663	2.211370	.4720277	.0714841	279.6952	.2779426	.2746346

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.272445	.2499590	.3537589	.6201221	.1655113	.6924642	5.755561
Stddev	.153441	.0007538	.0021665	.0030075	.0010029	.0078574	.029763
%RSD	1.654811	.3015837	.6124204	.4849830	.6059604	1.134699	.5171109
#1	9.097525	.2504986	.3525328	.6180363	.1660753	.6872077	5.738066
#2	9.384327	.2490977	.3562604	.6235696	.1643533	.7014968	5.789926
#3	9.335483	.2502808	.3524836	.6187604	.1661052	.6886882	5.738690

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04MSD Acquired: 12/30/2024 16:59:58 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.1922898	.1726033	.1758561
Stddev	.0027720	.0015010	.0012390
%RSD	1.441550	.8696168	.7045775
#1	.1924652	.1729389	.1760669
#2	.1949699	.1709629	.1745252
#3	.1894343	.1739081	.1769763

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.613	54305.98	10952.42	1838.008	3489.325
Stddev	13.360	785.21	41.90	26.412	19.745
%RSD	.5471710	1.445907	.3825979	1.437011	.5658786
#1	2444.574	55176.53	10956.29	1867.620	3491.993
#2	2427.021	53651.23	10992.25	1816.881	3468.381
#3	2453.244	54090.18	10908.71	1829.523	3507.600

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV04 Acquired: 12/30/2024 17:04:07 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	4.778041	4.839068	4.903499	4.926630	4.883992	9.369902
Stddev	.022654	.061780	.013561	.025146	.017673	.063983
%RSD	.4741178	1.276701	.2765656	.5104003	.3618478	.6828546
#1	4.760010	4.830949	4.900389	4.919366	4.867304	9.300492
#2	4.803468	4.904507	4.918346	4.954607	4.902507	9.426526
#3	4.770644	4.781749	4.891763	4.905915	4.882166	9.382689

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.093645	.2565628	2.523864	24.49070	1.002999	2.439079
Stddev	.002627	.0014554	.010999	.07721	.002475	.011132
%RSD	.0288845	.5672660	.4358129	.3152562	.2467161	.4563899
#1	9.090634	.2552472	2.518049	24.40474	1.000403	2.432298
#2	9.095465	.2581262	2.536550	24.55416	1.005332	2.451927
#3	9.094836	.2563151	2.516992	24.51320	1.003261	2.433014

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.192266	4.745239	2.352923	25.69821	2.448258	1.215888
Stddev	.004704	.009991	.005303	.12216	.010598	.003480
%RSD	.3945718	.2105489	.2253586	.4753479	.4328779	.2862151
#1	1.189973	4.739487	2.351726	25.56541	2.443470	1.211932
#2	1.197677	4.739455	2.348321	25.80579	2.460405	1.218478
#3	1.189148	4.756776	2.358722	25.72341	2.440899	1.217254

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.80758	2.389667	2.397804	22.91718	4.921532	4.776703
Stddev	.06297	.005648	.011879	.02352	.028315	.025193
%RSD	.2760887	.2363650	.4953999	.1026520	.5753380	.5274110
#1	22.75526	2.383197	2.384103	22.89834	4.890510	4.759434
#2	22.87746	2.393614	2.404093	22.94354	4.945986	4.805611
#3	22.79001	2.392190	2.405216	22.90965	4.928102	4.765065

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV04 Acquired: 12/30/2024 17:04:07 Type: Unk
Method: NON EPA-6010-200.7(v2560) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.924696	4.673924	4.698860	5.021891	4.793673	F 4.474457
Stddev	.028226	.013496	.024727	.021729	.023755	.017052
%RSD	.5731480	.2887541	.5262275	.4326909	.4955398	.3810923
#1	4.910554	4.658411	4.671556	5.011182	4.784411	4.457137
#2	4.957197	4.682972	4.719742	5.046897	4.820663	4.491227
#3	4.906336	4.680388	4.705282	5.007596	4.775945	4.475007

Elem	Sr4077
Units	ppm
Avg	4.680622
Stddev	.012081
%RSD	.2581094
#1	4.666881
#2	4.685403
#3	4.689580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2486.803	54929.56	10804.50	1866.164	3568.745
Stddev	11.228	94.15	28.67	3.911	16.166
%RSD	.4515082	.1713942	.2653537	.2095711	.4529821
#1	2492.501	54958.29	10824.31	1870.650	3574.803
#2	2473.868	54824.40	10771.62	1863.468	3550.426
#3	2494.039	55006.00	10817.56	1864.375	3581.008

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB04 Acquired: 12/30/2024 17:08:18 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.000230	-.001723	.0001909	-.000287	-.001983	-.006124	.0049503
Stddev	.000753	.002418	.0005298	.001909	.000335	.002320	.0002864
%RSD	326.7301	140.3561	277.4893	664.1214	16.87243	37.87782	5.785405
#1	.000500	-.000800	.0006995	-.001797	-.001981	-.004315	.0048858
#2	-.001003	-.004466	.0002310	.001858	-.001650	-.005318	.0047016
#3	-.000188	.000098	-.000358	-.000923	-.002319	-.008740	.0052634

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000438	.0001838	-.001786	-.000141	-.000204	-.000657	.0019734
Stddev	.0000205	.0000983	.006150	.000274	.000128	.000135	.0005614
%RSD	46.91064	53.47512	344.4367	194.0714	62.48166	20.48033	28.44696
#1	.0000531	.0002480	.002936	-.000041	-.000302	-.000554	.0020845
#2	.0000202	.0002328	-.008740	.000068	-.000060	-.000809	.0013648
#3	.0000579	.0000707	.000447	-.000451	-.000252	-.000607	.0024709

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001034	.0100780	-.000251	.0002447	.0791672	-.000162	-.000328
Stddev	.000245	.0127805	.000026	.0001557	.0006784	.001830	.000202
%RSD	23.69010	126.8158	10.51098	63.63229	.8569306	1128.232	61.52973
#1	-.000835	-.003103	-.000279	.0003207	.0784470	.000935	-.000123
#2	-.001308	.010921	-.000248	.0000656	.0797942	.000853	-.000526
#3	-.000959	.022416	-.000226	.0003477	.0792605	-.002275	-.000335

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1223648	.0015142	.0001018	.0039732	.0010588	-.008024	-.004106
Stddev	.0229290	.0007245	.0001885	.0009457	.0002807	.005962	.003259
%RSD	18.73828	47.84971	185.2045	23.80124	26.51488	74.29692	79.38554
#1	.1010332	.0015604	.0002906	.0032943	.0013214	-.004039	-.004589
#2	.1194487	.0007677	-.000086	.0050533	.0007629	-.014878	-.000632
#3	.1466123	.0022145	.000101	.0035720	.0010920	-.005156	-.007096

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB04 Acquired: 12/30/2024 17:08:18 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.002158	.0015642	.0002852
Stddev	.001102	.0007475	.0000158
%RSD	51.08798	47.78557	5.525612
#1	-.002854	.0023701	.0003034
#2	-.002732	.0014288	.0002761
#3	-.000887	.0008937	.0002761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2580.276	58097.18	11332.84	2005.147	3732.955
Stddev	11.016	157.94	90.50	7.701	13.856
%RSD	.4269362	.2718613	.7985510	.3840372	.3711842
#1	2569.651	57989.13	11398.45	1997.307	3720.093
#2	2591.646	58023.97	11370.48	2005.434	3747.627
#3	2579.532	58278.45	11229.60	2012.699	3731.147

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04A Acquired: 12/30/2024 17:12:39 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7413820	1.784741	.9526512	1.759449	.6601756	1.767179	.2060307
Stddev	.0063026	.019731	.0091330	.011607	.0061447	.009774	.0007539
%RSD	.8501125	1.105565	.9586924	.6597214	.9307622	.5530952	.3659263
#1	.7351028	1.763047	.9428925	1.750446	.6542360	1.776642	.2066078
#2	.7477078	1.801617	.9609928	1.772550	.6665066	1.757121	.2051776
#3	.7413354	1.789560	.9540681	1.755351	.6597843	1.767773	.2063065

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1890720	.1911018	2.134333	.3863078	.1893498	.2782256	2.730650
Stddev	.0004167	.0021689	.005248	.0044437	.0024499	.0022299	.036029
%RSD	.2203801	1.134954	.2458731	1.150314	1.293848	.8014825	1.319435
#1	.1889790	.1889425	2.130145	.3812463	.1871179	.2762726	2.693748
#2	.1887097	.1932802	2.132634	.3895685	.1919710	.2806553	2.765738
#3	.1895273	.1910826	2.140220	.3881087	.1889604	.2777489	2.732465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1971942	2.160401	.4755044	.0710495	268.3903	.2758712	.2681952
Stddev	.0011372	.015162	.0055830	.0011951	3.5888	.0024565	.0052728
%RSD	.5766742	.7018208	1.174122	1.682029	1.337156	.8904629	1.966021
#1	.1981491	2.143095	.4702624	.0699446	264.2478	.2784725	.2627165
#2	.1959362	2.166760	.4813751	.0723179	270.3657	.2735910	.2732345
#3	.1974972	2.171348	.4748757	.0708858	270.5574	.2755503	.2686346

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.041503	.2585114	.3509380	.6194508	.1666534	.6682133	5.908924
Stddev	.095710	.0024161	.0039600	.0081630	.0006175	.0150933	.062770
%RSD	1.058562	.9346186	1.128411	1.317776	.3705283	2.258749	1.062283
#1	8.943725	.2576137	.3472621	.6115484	.1664540	.6507876	5.843040
#2	9.135001	.2566727	.3551313	.6278516	.1661603	.6766724	5.968029
#3	9.045785	.2612479	.3504207	.6189525	.1673460	.6771799	5.915703

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-04A Acquired: 12/30/2024 17:12:39 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.1920666	.1759341	.1777366
Stddev	.0011243	.0013236	.0006784
%RSD	.5853849	.7523074	.3816840
#1	.1926022	.1750702	.1782375
#2	.1907746	.1752741	.1769646
#3	.1928230	.1774578	.1780077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.955	55288.91	10677.09	1887.694	3452.115
Stddev	20.913	661.49	35.33	29.891	31.446
%RSD	.8599398	1.196416	.3308524	1.583441	.9109122
#1	2450.663	56007.89	10670.90	1921.447	3481.591
#2	2409.377	54706.13	10715.10	1864.573	3419.014
#3	2435.824	55152.71	10645.26	1877.063	3455.739

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165858TB Acquired: 12/30/2024 17:16:49 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.001677	-.005849	.0011958	.0072833	.0024065	.0014085
Stddev	.000775	.001360	.0004905	.0034261	.0019561	.0091381
%RSD	46.19863	23.24678	41.01756	47.03988	81.28462	648.7678
#1	-.001122	-.006866	.0006903	.0105132	.0046510	.0034625
#2	-.002562	-.006377	.0012273	.0076467	.0015031	-.008582
#3	-.001347	-.004304	.0016698	.0036900	.0010653	.009345

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033692	-.000085	-.000059	.0053798	.0013214	-.000481
Stddev	.0004728	.000069	.000041	.0043959	.0003241	.000121
%RSD	14.03337	81.33721	70.63081	81.71101	24.52953	25.20555
#1	.0039141	-.000164	-.000057	.0007781	.0016013	-.000496
#2	.0031269	-.000038	-.000101	.0058253	.0009663	-.000594
#3	.0030667	-.000052	-.000018	.0095360	.0013967	-.000353

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033600	.0213784	.0129762	.0151871	.0018446	.0003033
Stddev	.0002397	.0036253	.0002271	.0109018	.0000554	.0002496
%RSD	7.132697	16.95787	1.750491	71.78334	3.006331	82.27017
#1	.0030885	.0255641	.0127796	.0027016	.0018859	.0003034
#2	.0035421	.0192277	.0129242	.0200392	.0017816	.0005528
#3	.0034495	.0193435	.0132249	.0228204	.0018663	.0000537

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 253.3187	-.000434	.0040565	.0071128	-.004371	.0001668
Stddev	3.9724	.000952	.0000635	.0460945	.000081	.0002079
%RSD	1.568131	219.0770	1.566453	648.0474	1.849821	124.6677
#1	254.0359	.000107	.0041287	-.006833	-.004282	-.000014
#2	249.0366	.000123	.0040315	-.030399	-.004391	.000120
#3	256.8836	-.001533	.0040092	.058570	-.004440	.000394

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165858TB Acquired: 12/30/2024 17:16:49 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0010056	-.000170	.0037138	.0028923	F .0856249	-.003069
Stddev	.0003816	.000497	.0053361	.0026404	.0016268	.001129
%RSD	37.94618	292.1590	143.6812	91.28831	1.899941	36.77492
#1	.0008189	.000238	.0087641	-.000065	.0855793	-.004116
#2	.0014446	-.000723	.0042455	.005013	.0840213	-.001873
#3	.0007533	-.000025	-.001868	.003729	.0872740	-.003219

Elem	Sr4077
Units	ppm
Avg	-.000013
Stddev	.000018
%RSD	141.7995
#1	.000007
#2	-.000029
#3	-.000017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2477.411	55061.14	11380.31	1863.258	3545.138
Stddev	7.287	579.33	137.64	17.550	10.661
%RSD	.2941407	1.052159	1.209491	.9419230	.3007320
#1	2471.796	54944.11	11387.53	1861.348	3533.823
#2	2485.646	55690.06	11514.20	1881.685	3554.996
#3	2474.790	54549.26	11239.19	1846.741	3546.596

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165887BL Acquired: 12/30/2024 17:21:18 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.000601	-.000451	.0004780	-.000877	-.001471	-.002688	.0020196
Stddev	.000541	.002667	.0009421	.000870	.001587	.006086	.0002140
%RSD	90.00788	590.7984	197.0814	99.21250	107.8928	226.4258	10.59691
#1	-.000336	-.003021	.0007036	-.001828	-.002159	-.009567	.0021581
#2	-.001222	-.000636	.0012868	-.000681	-.002599	-.000498	.0021277
#3	-.000243	.002303	-.000556	-.000122	.000344	.002000	.0017731

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000432	.0000360	.0006820	-.000268	-.000107	-.000491	-.003832
Stddev	.0000355	.0000537	.0034183	.000158	.000244	.000182	.002726
%RSD	81.99629	149.1863	501.2104	58.94863	228.0576	37.00107	71.12398
#1	.0000361	.0000443	.0035198	-.000095	.000032	-.000540	-.003188
#2	.0000817	.0000850	.0016391	-.000306	.000036	-.000289	-.001486
#3	.0000119	-.000021	-.003113	-.000404	-.000388	-.000642	-.006822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001004	.0122555	-.000248	.0005076	.1229486	-.000607	-.000851
Stddev	.000250	.0092328	.000046	.0002398	.0091596	.000830	.000025
%RSD	24.89123	75.33629	18.75416	47.24492	7.449945	136.6591	2.899677
#1	-.000926	.0226675	-.000275	.0007814	.1148207	.000053	-.000860
#2	-.000803	.0050653	-.000274	.0003350	.1211516	-.000336	-.000869
#3	-.001284	.0090336	-.000194	.0004063	.1328736	-.001538	-.000823

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0665544	-.004576	.0001038	.0028788	.0006201	-.006105	-.005498
Stddev	.0045015	.000489	.0001516	.0004499	.0002061	.004739	.002328
%RSD	6.763608	10.69286	146.0494	15.62824	33.22848	77.63102	42.34792
#1	.0670951	-.005128	-.000050	.0023629	.0003899	-.003450	-.002837
#2	.0707611	-.004405	.000109	.0031899	.0006834	-.003288	-.007161
#3	.0618070	-.004195	.000253	.0030835	.0007871	-.011577	-.006497

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165887BL Acquired: 12/30/2024 17:21:18 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.001808	.0027553	-.000030
Stddev	.002466	.0001298	.000018
%RSD	136.3807	4.709338	61.10013
#1	-.000609	.0028789	-.000010
#2	-.004645	.0027668	-.000033
#3	-.000171	.0026201	-.000047

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2623.703	58021.32	11851.45	1966.216	3856.052
Stddev	18.258	882.80	31.36	26.633	26.938
%RSD	.6959004	1.521513	.2646272	1.354555	.6985894
#1	2604.878	58379.71	11815.88	1982.604	3826.892
#2	2641.336	57015.68	11863.31	1935.485	3880.010
#3	2624.897	58668.57	11875.15	1980.558	3861.252

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165887BS Acquired: 12/30/2024 17:25:37 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7389869	1.857952	.9287795	1.834706	.7343252	1.752361
Stddev	.0017735	.011106	.0050652	.011262	.0044534	.016607
%RSD	.2399948	.5977732	.5453636	.6138395	.6064613	.9477151
#1	.7378245	1.847256	.9229415	1.823360	.7295080	1.755593
#2	.7381080	1.869428	.9313897	1.834875	.7351756	1.767114
#3	.7410283	1.857172	.9320072	1.845882	.7382921	1.734375

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1754166	.1918046	.1914833	.9380399	.3999249	.1875990
Stddev	.0018681	.0011833	.0007075	.0041975	.0048361	.0007721
%RSD	1.064921	.6169441	.3694851	.4474747	1.209243	.4115659
#1	.1762111	.1921937	.1906905	.9425876	.3993948	.1867310
#2	.1767560	.1927444	.1917091	.9372181	.4050041	.1878569
#3	.1732826	.1904757	.1920504	.9343142	.3953757	.1882092

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2821564	2.864867	.1828927	1.925497	.4713753	.0750673
Stddev	.0026044	.038146	.0011945	.016067	.0015155	.0005520
%RSD	.9230326	1.331509	.6531384	.8344479	.3215086	.7353071
#1	.2793329	2.864718	.1835634	1.943766	.4696309	.0750036
#2	.2826715	2.903086	.1836012	1.913560	.4721268	.0756484
#3	.2844647	2.826795	.1815136	1.919167	.4723682	.0745500

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.813803	.2735239	.1946703	9.092540	.2703342	.3781893
Stddev	.019921	.0018979	.0008783	.080466	.0009325	.0026203
%RSD	.7079683	.6938861	.4511763	.8849700	.3449319	.6928516
#1	2.806116	.2751941	.1940456	9.105231	.2711495	.3752292
#2	2.836422	.2739177	.1956746	9.165907	.2705355	.3791271
#3	2.798871	.2714600	.1942908	9.006483	.2693175	.3802117

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165887BS Acquired: 12/30/2024 17:25:37 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.6517379	.1798967	F .7060145	5.360302	F -.012722	.1807664
Stddev	.0024748	.0016314	.0129162	.036436	.000854	.0002756
%RSD	.3797250	.9068755	1.829450	.6797378	6.709296	.1524552
#1	.6488864	.1803604	.6969223	5.320582	-.012806	.1807439
#2	.6533256	.1812460	.7207991	5.368148	-.013530	.1805028
#3	.6530017	.1780836	.7003222	5.392175	-.011829	.1810526

Elem	Sr4077
Units	ppm
Avg	.1783541
Stddev	.0010407
%RSD	.5834785
#1	.1789309
#2	.1789786
#3	.1771527

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2670.873	57436.39	11775.28	1942.104	3988.024
Stddev	13.178	502.02	55.71	9.484	13.536
%RSD	.4933812	.8740533	.4731435	.4883168	.3394230
#1	2682.863	57609.53	11746.83	1945.733	3999.237
#2	2672.991	56870.72	11739.54	1931.342	3991.847
#3	2656.765	57828.93	11839.48	1949.238	3972.987

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01 Acquired: 12/30/2024 17:29:36 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.002370	-.008727	.0004768	.0004953	.0020775	.7305308
Stddev	.002335	.001159	.0004600	.0029046	.0004642	.0121375
%RSD	98.52168	13.27725	96.48184	586.4123	22.34378	1.661465
#1	.000227	-.008576	.0003078	.0038106	.0025681	.7227733
#2	-.004295	-.009954	.0009974	-.001602	.0020193	.7243009
#3	-.003041	-.007651	.0001252	-.000723	.0016452	.7445182

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0542178	-.000119	-.000111	64.75763	.0045912	.0006442
Stddev	.0009726	.000034	.000090	.59393	.0001680	.0000430
%RSD	1.793920	28.77108	81.32445	.9171544	3.658682	6.672428
#1	.0550734	-.000158	-.000189	64.62674	.0047720	.0006285
#2	.0531599	-.000104	-.000132	64.24006	.0044399	.0006928
#3	.0544200	-.000095	-.000012	65.40608	.0045619	.0006112

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136824	1.694152	.7372650	11.22032	.0064634	.0000563
Stddev	.0004600	.025747	.0067565	.13002	.0003567	.0003227
%RSD	3.361793	1.519772	.9164329	1.158754	5.518135	573.0216
#1	.0131557	1.723285	.7365891	11.20331	.0068325	.0002680
#2	.0138860	1.674449	.7308718	11.09965	.0061207	.0002160
#3	.0140054	1.684723	.7443341	11.35801	.0064370	-.000315

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.76240	.0042397	.0388544	1.323554	.3710935	.0060444
Stddev	.42287	.0008720	.0004059	.039370	.0051724	.0001600
%RSD	.9888718	20.56700	1.044807	2.974536	1.393834	2.647615
#1	43.23427	.0049727	.0392568	1.352974	.3693047	.0058999
#2	42.41775	.0044709	.0384450	1.338858	.3670530	.0062164
#3	42.63517	.0032754	.0388613	1.278830	.3769230	.0060170

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01 Acquired: 12/30/2024 17:29:36 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.001174	.0178511	8.493421	.0287908	F 31.72413	-.011457
Stddev	.000756	.0005996	.091292	.0020058	.24747	.000824
%RSD	64.38326	3.358820	1.074857	6.966868	.7800589	7.195707
#1	-.000728	.0182967	8.591523	.0310819	31.97561	-.011341
#2	-.000747	.0180873	8.410960	.0279390	31.48088	-.010696
#3	-.002047	.0171694	8.477779	.0273514	31.71590	-.012333

Elem	Sr4077
Units	ppm
Avg	.3364096
Stddev	.0026336
%RSD	.7828430
#1	.3367957
#2	.3336043
#3	.3388288

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2458.844	55523.48	11974.12	1842.372	3657.572
Stddev	20.211	473.56	112.04	9.718	29.059
%RSD	.8219626	.8528998	.9357245	.5274870	.7944973
#1	2435.514	55001.70	12016.39	1831.220	3624.038
#2	2470.003	55926.02	12058.89	1849.031	3675.372
#3	2471.016	55642.72	11847.09	1846.864	3673.304

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01DUP Acquired: 12/30/2024 17:33:51 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.003771	-.008026	.0004706	.0008624	.0026618	.7509848
Stddev	.002855	.001688	.0000273	.0013767	.0018923	.0045617
%RSD	75.70111	21.02789	5.801689	159.6325	71.08947	.6074352
#1	-.001097	-.008094	.0005006	.0021144	.0039443	.7457181
#2	-.003440	-.009679	.0004643	-.000612	.0004885	.7536958
#3	-.006778	-.006306	.0004471	.001085	.0035526	.7535404

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0549446	-.000100	-.000111	64.90287	.0043281	.0007116
Stddev	.0005451	.000036	.000112	.12800	.0001075	.0001608
%RSD	.9920374	36.27174	101.1099	.1972124	2.482624	22.59982
#1	.0548716	-.000116	-.000180	65.03621	.0042285	.0005476
#2	.0544397	-.000125	-.000171	64.89142	.0043139	.0007181
#3	.0555225	-.000058	.000018	64.78099	.0044420	.0008690

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139507	1.636901	.7432392	11.30340	.0065523	.0002084
Stddev	.0001353	.004555	.0014014	.05024	.0001241	.0000920
%RSD	.9700312	.2782570	.1885522	.4444373	1.894369	44.16482
#1	.0140895	1.640335	.7448508	11.32008	.0065643	.0001602
#2	.0139435	1.631734	.7425593	11.24694	.0066700	.0001504
#3	.0138192	1.638634	.7423074	11.34317	.0064226	.0003145

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	40.81775	.0041882	.0381011	1.273127	.3765379	.0060096
Stddev	.07397	.0011780	.0000906	.028474	.0015040	.0002390
%RSD	.1812263	28.12714	.2376955	2.236531	.3994345	3.977521
#1	40.79441	.0054149	.0380124	1.263034	.3778584	.0060908
#2	40.75827	.0040837	.0381934	1.305272	.3768544	.0057406
#3	40.90058	.0030659	.0380976	1.251074	.3749008	.0061975

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01DUP Acquired: 12/30/2024 17:33:51 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.001146	.0192568	8.169382	.0299518	F 31.61069	-.011280
Stddev	.000304	.0013279	.032632	.0027018	.08056	.000666
%RSD	26.55855	6.895631	.3994456	9.020623	.2548513	5.907880
#1	-.001494	.0207772	8.188146	.0327084	31.52824	-.011013
#2	-.000926	.0183243	8.131702	.0298388	31.61460	-.012039
#3	-.001019	.0186689	8.188299	.0273083	31.68922	-.010789

Elem	Sr4077
Units	ppm
Avg	.3351773
Stddev	.0008595
%RSD	.2564258
#1	.3359126
#2	.3353869
#3	.3342324

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.358	57074.19	11771.89	1889.568	3676.369
Stddev	6.122	202.41	42.11	5.274	1.817
%RSD	.2460094	.3546422	.3577566	.2790854	.0494116
#1	2484.369	57000.03	11724.52	1890.255	3677.797
#2	2485.298	57303.22	11805.08	1894.464	3674.325
#3	2495.406	56919.32	11786.08	1883.984	3676.986

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01LX5 Acquired: 12/30/2024 17:38:06 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0007874	-.003280	-.000053	.0014419	-.000666	.1695243	.0139611
Stddev	.0014197	.000937	.000670	.0037505	.001025	.0025118	.0006157
%RSD	180.3145	28.57633	1261.406	260.1156	153.9369	1.481661	4.410082
#1	.0022041	-.003108	.000028	.0002405	.000517	.1704431	.0145370
#2	-.000635	-.004292	-.000760	.0056459	-.001229	.1714473	.0133121
#3	.000793	-.002441	.000572	-.001561	-.001287	.1666825	.0140341

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000207	.0000367	13.35294	.0008545	-.000059	.0024407	.3420325
Stddev	.0000135	.0000805	.05362	.0003658	.000261	.0004120	.0059925
%RSD	65.37441	219.6758	.4015594	42.81085	442.8921	16.87830	1.752016
#1	.0000054	.0000993	13.38089	.0005448	-.000354	.0029101	.3489047
#2	.0000312	.0000648	13.29112	.0012581	.000040	.0022730	.3392958
#3	.0000253	-.000054	13.38681	.0007605	.000137	.0021391	.3378970

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1543386	2.333023	.0012672	.0002661	8.037087	.0014698	.0075097
Stddev	.0014643	.004355	.0000733	.0001925	.035433	.0023069	.0001422
%RSD	.9487387	.1866646	5.786712	72.34987	.4408683	156.9594	1.893330
#1	.1546812	2.337864	.0012879	.0003076	8.072773	.0009057	.0076193
#2	.1527334	2.329424	.0013279	.0000562	8.036573	.0040064	.0073490
#3	.1556012	2.331781	.0011857	.0004345	8.001913	-.000503	.0075607

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2530004	.0819696	.0011086	.0015079	.0051665	1.653458	.0009555
Stddev	.0085164	.0004551	.0002054	.0005348	.0005105	.025327	.0011065
%RSD	3.366171	.5551693	18.52945	35.46436	9.880743	1.531734	115.7985
#1	.2543795	.0823528	.0013381	.0009513	.0057118	1.682004	-.000110
#2	.2438786	.0820892	.0009419	.0015546	.0046999	1.644689	.002099
#3	.2607431	.0814666	.0010458	.0020178	.0050878	1.633681	.000878

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01LX5 Acquired: 12/30/2024 17:38:06 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	7.105656	-.000695	.0670877
Stddev	.051458	.000712	.0003413
%RSD	.7241856	102.4547	.5087813
#1	7.088754	-.000048	.0673903
#2	7.064774	-.000580	.0667177
#3	7.163439	-.001457	.0671551

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.827	56981.71	11477.49	1966.712	3635.428
Stddev	10.194	370.23	38.21	12.474	14.903
%RSD	.4060205	.6497380	.3329502	.6342641	.4099447
#1	2518.547	56640.74	11438.06	1955.083	3642.241
#2	2514.662	56928.88	11514.36	1965.167	3645.707
#3	2499.271	57375.53	11480.03	1979.887	3618.336

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01MS Acquired: 12/30/2024 17:42:24 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7556960	1.789995	.9097867	1.777438	.7449901	2.510348
Stddev	.0100985	.025557	.0089193	.020740	.0077436	.009506
%RSD	1.336320	1.427788	.9803675	1.166855	1.039417	.3786678
#1	.7670802	1.818835	.9193847	1.799895	.7528433	2.519158
#2	.7521903	1.780994	.9082222	1.773413	.7447659	2.511612
#3	.7478175	1.770155	.9017532	1.759005	.7373610	2.500273

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2257593	.1880232	.1890812	65.10297	.3959589	.1890096
Stddev	.0004699	.0007694	.0021617	.12617	.0024645	.0023556
%RSD	.2081363	.4092101	1.143283	.1938079	.6224128	1.246265
#1	.2263011	.1886308	.1914645	65.19942	.3987894	.1915202
#2	.2254640	.1871580	.1885323	64.96017	.3947983	.1886607
#3	.2255127	.1882806	.1872468	65.14931	.3942890	.1868480

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2902849	4.365968	.9131166	13.09450	.4743035	.0715540
Stddev	.0039513	.028347	.0030452	.06989	.0057690	.0006271
%RSD	1.361168	.6492635	.3334905	.5337041	1.216302	.8764517
#1	.2944228	4.398682	.9166280	13.14282	.4807125	.0722398
#2	.2898805	4.348693	.9115209	13.01437	.4726720	.0714126
#3	.2865514	4.350527	.9112010	13.12630	.4695259	.0710097

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.40545	.2817993	.2264245	10.32788	.6365692	.3979865
Stddev	.33506	.0011135	.0015806	.07742	.0017951	.0043551
%RSD	.7901459	.3951406	.6980758	.7496404	.2819985	1.094271
#1	42.68988	.2830629	.2282188	10.38050	.6373048	.4029546
#2	42.49037	.2813731	.2258169	10.36416	.6345231	.3961770
#3	42.03609	.2809618	.2252379	10.23898	.6378797	.3948279

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01MS Acquired: 12/30/2024 17:42:24 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.6555174	.1937971	8.680162	5.700194	F 30.93567	.1686002
Stddev	.0075800	.0002035	.065163	.070271	.41664	.0011398
%RSD	1.156342	.1049893	.7507064	1.232785	1.346789	.6760470
#1	.6641652	.1937202	8.736197	5.779538	31.40220	.1672928
#2	.6523634	.1940278	8.695633	5.675233	30.80417	.1693851
#3	.6500236	.1936433	8.608657	5.645811	30.60066	.1691228

Elem	Sr4077
Units	ppm
Avg	.5055224
Stddev	.0009671
%RSD	.1913046
#1	.5059914
#2	.5061655
#3	.5044102

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2455.522	55406.18	11226.75	1864.625	3629.454
Stddev	29.243	345.92	22.42	13.535	41.750
%RSD	1.190894	.6243327	.1997151	.7258852	1.150318
#1	2422.771	55046.21	11211.69	1851.183	3583.687
#2	2464.780	55436.24	11252.52	1864.441	3639.221
#3	2479.015	55736.09	11216.05	1878.251	3665.456

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01MSD Acquired: 12/30/2024 17:46:21 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7483938	1.794621	.9068942	1.795938	.7441215	2.547224
Stddev	.0052990	.016374	.0050646	.011380	.0051173	.012412
%RSD	.7080553	.9123679	.5584519	.6336390	.6876937	.4872828
#1	.7425951	1.775822	.9019618	1.792963	.7387558	2.536295
#2	.7496017	1.802279	.9066394	1.786342	.7446611	2.560719
#3	.7529846	1.805763	.9120813	1.808510	.7489476	2.544660

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2245252	.1858934	.1885767	65.11367	.3940183	.1874919
Stddev	.0015225	.0006526	.0013635	.33402	.0009654	.0015493
%RSD	.6780808	.3510662	.7230423	.5129754	.2450104	.8263266
#1	.2249941	.1860209	.1870235	65.15831	.3947690	.1857621
#2	.2257582	.1864727	.1891306	65.42312	.3943566	.1879616
#3	.2228235	.1851864	.1895761	64.75958	.3929293	.1887520

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2875182	4.291370	.9013628	13.23095	.4709253	.0703440
Stddev	.0015209	.022288	.0036779	.10367	.0027397	.0008401
%RSD	.5289586	.5193767	.4080411	.7835351	.5817693	1.194295
#1	.2858249	4.280547	.8994765	13.14846	.4678833	.0709520
#2	.2879616	4.317003	.9056012	13.34732	.4716943	.0706946
#3	.2887680	4.276559	.8990108	13.19707	.4731983	.0693854

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	41.52990	.2786197	.2259558	10.09044	.6279809	.3935942
Stddev	.23267	.0022382	.0017697	.08522	.0028954	.0020305
%RSD	.5602371	.8033178	.7831977	.8446107	.4610669	.5158793
#1	41.50272	.2804637	.2272641	10.11383	.6287506	.3913466
#2	41.77496	.2792659	.2266610	10.16152	.6304137	.3941400
#3	41.31201	.2761295	.2239422	9.99596	.6247784	.3952959

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01MSD Acquired: 12/30/2024 17:46:21 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.6513272	.1977918	8.598055	5.720447	F 31.00654	.1671249
Stddev	.0036355	.0010263	.049823	.047399	.20646	.0029561
%RSD	.5581694	.5188679	.5794691	.8285847	.6658475	1.768819
#1	.6473582	.1980753	8.585980	5.669801	30.77251	.1667452
#2	.6521277	.1986466	8.652806	5.727801	31.08425	.1702525
#3	.6544958	.1966536	8.555379	5.763739	31.16287	.1643769

Elem	Sr4077
Units	ppm
Avg	.5041408
Stddev	.0032096
%RSD	.6366521
#1	.5042775
#2	.5072798
#3	.5008650

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2466.345	56733.09	11320.53	1877.577	3637.530
Stddev	9.976	193.50	44.37	4.733	17.656
%RSD	.4044882	.3410657	.3919390	.2520670	.4853855
#1	2477.564	56662.25	11299.62	1876.308	3657.647
#2	2463.000	56585.00	11290.47	1873.609	3630.343
#3	2458.472	56952.03	11371.49	1882.815	3624.601

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01A Acquired: 12/30/2024 17:50:19 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7518141	1.782639	.9064958	1.786151	.7489762	2.573628
Stddev	.0153213	.030116	.0180637	.027589	.0104254	.017760
%RSD	2.037915	1.689387	1.992696	1.544581	1.391954	.6900624
#1	.7454284	1.775966	.8967443	1.767482	.7447303	2.570260
#2	.7407184	1.756419	.8954034	1.773132	.7413437	2.557793
#3	.7692954	1.815531	.9273396	1.817841	.7608546	2.592830

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2234788	.1877387	.1887533	64.82258	.3989756	.1880717
Stddev	.0012414	.0008642	.0036173	.34221	.0030476	.0041005
%RSD	.5554742	.4603091	1.916399	.5279154	.7638572	2.180261
#1	.2230780	.1875652	.1868635	64.78749	.3968352	.1859784
#2	.2224873	.1869743	.1864724	64.49926	.4024649	.1854404
#3	.2248710	.1886764	.1929240	65.18098	.3976267	.1927963

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2886791	4.396689	.9015486	13.12715	.4718791	.0718052
Stddev	.0058941	.021989	.0018637	.09453	.0094958	.0006460
%RSD	2.041766	.5001191	.2067190	.7201002	2.012333	.8996323
#1	.2851919	4.371511	.8995255	13.08689	.4666735	.0710611
#2	.2853610	4.412112	.9019247	13.05941	.4661244	.0722225
#3	.2954844	4.406446	.9031955	13.23514	.4828392	.0721320

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	42.33623	.2790007	.2274943	10.27460	.6343505	.3958970
Stddev	.17198	.0023792	.0007597	.08508	.0039163	.0078398
%RSD	.4062150	.8527410	.3339361	.8280308	.6173763	1.980271
#1	42.15943	.2762694	.2280059	10.21083	.6329092	.3914327
#2	42.50293	.2801098	.2278555	10.37120	.6313590	.3913090
#3	42.34634	.2806227	.2266214	10.24176	.6387832	.4049494

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5356-01A Acquired: 12/30/2024 17:50:19 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.6531986	.1984267	8.775274	5.648659	F 30.76651	.1677504
Stddev	.0135569	.0018981	.049665	.118058	.55727	.0015230
%RSD	2.075456	.9565694	.5659642	2.090024	1.811303	.9078979
#1	.6470980	.1992240	8.735049	5.581649	30.46982	.1667853
#2	.6437639	.1962600	8.830785	5.579354	30.42035	.1669598
#3	.6687339	.1997961	8.759987	5.784975	31.40937	.1695061

Elem	Sr4077
Units	ppm
Avg	.5016831
Stddev	.0022711
%RSD	.4526992
#1	.5017835
#2	.4993635
#3	.5039024

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2471.593	55573.84	11285.45	1852.606	3654.999
Stddev	44.857	241.34	46.67	7.618	68.955
%RSD	1.814885	.4342656	.4135475	.4112300	1.886603
#1	2495.990	55708.86	11265.53	1849.705	3691.026
#2	2498.965	55295.21	11338.78	1846.863	3698.478
#3	2419.826	55717.45	11252.05	1861.248	3575.492

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV05 Acquired: 12/30/2024 17:54:17 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	4.787428	4.795360	4.896673	4.952974	4.930477	9.422352	9.077163
Stddev	.006429	.027064	.009025	.011331	.011444	.056967	.038373
%RSD	.1342938	.5643705	.1843131	.2287662	.2321014	.6045957	.4227395
#1	4.794470	4.805493	4.906321	4.965580	4.933900	9.423259	9.120742
#2	4.781872	4.815895	4.895260	4.949705	4.917713	9.478860	9.062310
#3	4.785941	4.764692	4.888438	4.943637	4.939819	9.364937	9.048437

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2566595	2.515461	24.40567	.9987453	2.433580	1.196185	4.739987
Stddev	.0009397	.006471	.10183	.0048702	.004742	.002707	.038548
%RSD	.3661419	.2572580	.4172398	.4876331	.1948487	.2262811	.8132438
#1	.2572722	2.519866	24.41025	.9939145	2.436148	1.197617	4.695888
#2	.2571288	2.518485	24.50513	.9986673	2.436485	1.193063	4.756805
#3	.2555775	2.508031	24.30163	1.003654	2.428108	1.197875	4.767268

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.357499	25.65907	2.440275	1.219461	22.89325	2.387982	2.408929
Stddev	.015440	.08430	.003930	.005700	.13869	.010565	.013683
%RSD	.6549312	.3285233	.1610497	.4673955	.6058070	.4424116	.5680206
#1	2.366138	25.68834	2.443884	1.213615	22.73621	2.392834	2.395003
#2	2.366686	25.72483	2.440852	1.219765	22.94455	2.395250	2.409426
#3	2.339673	25.56404	2.436088	1.225002	22.99897	2.375863	2.422356

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.98702	4.962641	4.788178	4.891036	4.690100	4.698739	4.988358
Stddev	.17233	.012002	.010233	.013539	.022136	.032434	.021839
%RSD	.7496796	.2418530	.2137117	.2768113	.4719691	.6902728	.4377982
#1	22.79402	4.975850	4.799851	4.897427	4.693350	4.668968	5.002713
#2	23.04155	4.959668	4.783932	4.900197	4.710431	4.693946	4.999136
#3	23.12548	4.952404	4.780752	4.875485	4.666518	4.733303	4.963225

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV05 Acquired: 12/30/2024 17:54:17 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	4.762166	4.543193	4.699396
Stddev	.008875	.015110	.027492
%RSD	.1863686	.3325817	.5850100
#1	4.771975	4.545393	4.728008
#2	4.759830	4.557082	4.673182
#3	4.754692	4.527104	4.696997

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2521.986	55890.76	10973.23	1885.116	3634.388
Stddev	8.478	161.46	57.12	11.285	8.367
%RSD	.3361832	.2888848	.5205383	.5986465	.2302132
#1	2512.381	56073.77	10937.00	1897.459	3625.936
#2	2528.431	55830.08	10943.62	1875.325	3634.559
#3	2525.145	55768.44	11039.08	1882.565	3642.667

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB05 Acquired: 12/30/2024 17:58:28 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0017612	-.001287	-.000117	-.001773	-.000351	-.000729	.0024297
Stddev	.0022392	.001143	.001140	.002192	.001716	.001718	.0004492
%RSD	127.1382	88.76577	972.6336	123.6269	488.2689	235.6704	18.48762
#1	.0043178	-.000035	.000027	.000682	.000197	-.002638	.0019754
#2	.0008175	-.001554	-.001323	-.002467	.001023	.000695	.0028737
#3	.0001484	-.002273	.000944	-.003533	-.002275	-.000245	.0024400

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000192	.0002369	.0020979	-.000507	-.000108	-.000300	-.001154
Stddev	.0000233	.0000921	.0027871	.000305	.000152	.000289	.003277
%RSD	121.1842	38.87704	132.8515	60.11095	140.5238	96.44516	284.0766
#1	.0000108	.0002442	.0053155	-.000686	-.000075	-.000277	-.004870
#2	.0000455	.0001413	.0005402	-.000681	-.000275	-.000022	.001318
#3	.0000013	.0003250	.0004379	-.000155	.000025	-.000599	.000092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000955	-.002510	-.000236	.0003029	.0472728	.0003344	-.000283
Stddev	.000071	.028739	.000172	.0005375	.0022100	.0009828	.000034
%RSD	7.413189	1144.999	72.58160	177.4814	4.674889	293.9244	12.01550
#1	-.001018	-.014518	-.000435	.0008910	.0467166	-.000683	-.000299
#2	-.000968	.030285	-.000141	-.000163	.0497077	.001278	-.000305
#3	-.000878	-.023297	-.000134	.000181	.0453940	.000408	-.000244

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0778474	.0017724	.0003083	.0025669	.0003494	-.011169	-.002774
Stddev	.0313554	.0003771	.0000137	.0003356	.0000919	.003165	.002196
%RSD	40.27800	21.27613	4.448262	13.07555	26.29985	28.34021	79.15629
#1	.0577447	.0019310	.0003238	.0027502	.0004415	-.014464	-.000239
#2	.0618206	.0020443	.0003030	.0027710	.0002577	-.010893	-.004092
#3	.1139770	.0013419	.0002980	.0021795	.0003491	-.008151	-.003990

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB05 Acquired: 12/30/2024 17:58:28 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0007771	.0001195	.0000354
Stddev	.0004935	.0006568	.0000136
%RSD	63.50166	549.6127	38.30211
#1	.0002103	.0007958	.0000483
#2	.0011112	.0000785	.0000368
#3	.0010099	-.000516	.0000212

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2664.907	58290.66	11594.29	2004.137	3904.626
Stddev	15.819	386.11	65.46	27.014	22.112
%RSD	.5936002	.6623906	.5645514	1.347934	.5663044
#1	2681.106	57873.28	11521.46	1974.771	3927.633
#2	2649.497	58635.10	11648.22	2027.930	3883.534
#3	2664.118	58363.60	11613.18	2009.711	3902.710

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5377-02DLX5 Acquired: 12/30/2024 18:02:48 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.007500	.0315513	-.000691	.5023686	-.005730	.0413854	.0336487
Stddev	.001074	.0002569	.000734	.0020167	.000422	.0031239	.0003522
%RSD	14.32539	.8142789	106.2730	.4014382	7.357191	7.548427	1.046810
#1	-.008663	.0315395	-.000127	.5017375	-.006030	.0410753	.0332479
#2	-.007296	.0313005	-.000424	.5046254	-.005913	.0446529	.0337894
#3	-.006543	.0318139	-.001521	.5007430	-.005248	.0384281	.0339089

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001573	-.000237	.3717660	.0001787	.0007636	.0089275	.7221262
Stddev	.0000213	.000033	.0029324	.0001654	.0001943	.0002082	.0088144
%RSD	13.54726	13.76237	.7887792	92.54410	25.43888	2.331986	1.220625
#1	.0001526	-.000235	.3744439	.0003655	.0009572	.0086872	.7285982
#2	.0001806	-.000271	.3722216	.0001197	.0007650	.0090532	.7120873
#3	.0001388	-.000206	.3686324	.0000509	.0005687	.0090420	.7256930

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124216	.1026091	.0011740	.0006316	8.357216	-.001244	.1352701
Stddev	.0002333	.0078485	.0001150	.0001750	.031068	.000731	.0007313
%RSD	1.878181	7.648930	9.799395	27.70542	.3717521	58.79546	.5406172
#1	.0126069	.0949585	.0012961	.0005175	8.392366	-.001928	.1353082
#2	.0121596	.1106415	.0010676	.0008330	8.345852	-.001331	.1359815
#3	.0124983	.1022274	.0011582	.0005441	8.333430	-.000473	.1345204

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.07715	-.058386	.0037341	.0680558	.0006343	.1447531	7.669008
Stddev	.07998	.000160	.0000840	.0004513	.0001780	.0042318	.025273
%RSD	.2346931	.2745562	2.250124	.6631180	28.05820	2.923472	.3295426
#1	34.16351	-.058208	.0036637	.0680451	.0005942	.1490710	7.649460
#2	34.00563	-.058520	.0037115	.0676099	.0004797	.1445753	7.660017
#3	34.06232	-.058429	.0038271	.0685123	.0008288	.1406129	7.697547

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5377-02DLX5 Acquired: 12/30/2024 18:02:48 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	1.748463	.0029025	.0028374
Stddev	.005996	.0004065	.0000326
%RSD	.3429370	14.00579	1.149120
#1	1.749238	.0024744	.0028257
#2	1.742118	.0032834	.0028742
#3	1.754035	.0029499	.0028122

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.529	55374.29	12736.29	1728.245	4099.354
Stddev	16.298	302.36	17.88	7.979	20.200
%RSD	.7137393	.5460221	.1403663	.4616736	.4927564
#1	2296.471	55027.45	12738.49	1719.047	4116.595
#2	2288.892	55582.28	12752.97	1732.390	4104.337
#3	2265.225	55513.13	12717.42	1733.298	4077.128

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-05 Acquired: 12/30/2024 18:07:04 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0613025	-.009128	1.738485	-.005431	.0074169	28.24412
Stddev	.0040841	.002015	.004484	.002051	.0034246	.03475
%RSD	6.662248	22.07975	.2579043	37.76997	46.17291	.1230201
#1	.0659150	-.007757	1.741903	-.003166	.0053198	28.22801
#2	.0598470	-.011442	1.740144	-.005963	.0055620	28.22036
#3	.0581456	-.008184	1.733408	-.007164	.0113688	28.28400

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2411099	.0020292	.0188103	80.38262	.0608296	.0202925
Stddev	.0007716	.0000242	.0000932	.39861	.0005304	.0001918
%RSD	.3200310	1.191927	.4952725	.4958875	.8719818	.9452632
#1	.2419835	.0020555	.0189152	80.68229	.0602237	.0204988
#2	.2405212	.0020080	.0187787	79.93024	.0610552	.0201196
#3	.2408251	.0020240	.0187371	80.53534	.0612101	.0202590

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4050516	41.17669	.4563331	16.08889	.0506169	-.002225
Stddev	.0005176	.01823	.0018550	.08854	.0006613	.000183
%RSD	.1277927	.0442729	.4065089	.5503205	1.306510	8.201579
#1	.4056303	41.15677	.4581769	16.11413	.0508785	-.002267
#2	.4046329	41.19255	.4544670	15.99047	.0511074	-.002383
#3	.4048914	41.18075	.4563553	16.16207	.0498648	-.002025

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	220.1122	.0938048	10.26859	17.04158	.1376702	.0092090
Stddev	1.2426	.0021341	.02093	.06392	.0004599	.0002967
%RSD	.5645521	2.275067	.2038579	.3750955	.3340339	3.222126
#1	219.7281	.0955742	10.29160	16.96834	.1381938	.0095273
#2	219.1070	.0914347	10.26349	17.08616	.1373316	.0089400
#3	221.5016	.0944054	10.25067	17.07023	.1374854	.0091597

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5386-05 Acquired: 12/30/2024 18:07:04 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0039197	.8505450	F 50.47197	1.431777	F 16.13247	.0142909
Stddev	.0012948	.0008172	.18021	.005983	.03533	.0006717
%RSD	33.03278	.0960751	.3570464	.4178646	.2189809	4.699984
#1	.0033924	.8502261	50.27998	1.438328	16.16132	.0146046
#2	.0053950	.8499354	50.49848	1.430402	16.14303	.0147484
#3	.0029718	.8514736	50.63746	1.426602	16.09307	.0135198

Elem	Sr4077
Units	ppm
Avg	.3830423
Stddev	.0007213
%RSD	.1883126
#1	.3835504
#2	.3822167
#3	.3833599

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.207	54348.89	11948.77	1810.895	3490.038
Stddev	3.448	85.51	51.73	5.059	12.581
%RSD	.1407627	.1573328	.4328916	.2793909	.3604801
#1	2447.191	54355.60	11889.04	1806.809	3479.944
#2	2447.242	54260.23	11978.49	1809.321	3486.037
#3	2453.188	54430.85	11978.78	1816.554	3504.133

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165879BL Acquired: 12/30/2024 18:11:24 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0003396	-.002551	.0000029	.0013608	-.000135	-.004272	.0027782
Stddev	.0015802	.000900	.0002490	.0013562	.000825	.005190	.0008854
%RSD	465.2933	35.28605	8610.019	99.66355	609.6013	121.4809	31.86871
#1	.0003828	-.002162	-.000061	-.000139	-.000198	-.004733	.0035892
#2	-.001262	-.001911	-.000208	.002500	.000719	.001133	.0029119
#3	.001898	-.003581	.000278	.001721	-.000928	-.009215	.0018336

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000163	.0000379	.0055248	-.000240	-.000154	-.000395	-.000230
Stddev	.0000079	.0000539	.0041736	.000177	.000057	.000285	.001457
%RSD	48.75640	142.1142	75.54285	73.73505	36.71595	72.25784	634.4759
#1	.0000100	.0000004	.0077960	-.000284	-.000201	-.000123	-.001047
#2	.0000136	.0000137	.0080703	-.000392	-.000091	-.000692	.001452
#3	.0000252	.0000997	.0007082	-.000045	-.000170	-.000370	-.001094

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001109	-.003252	-.000122	.0005914	.0496743	.0008793	.0002739
Stddev	.000209	.009862	.000313	.0004357	.0024274	.0004114	.0003640
%RSD	18.87308	303.2837	255.2975	73.68014	4.886583	46.78925	132.8849
#1	-.000941	-.014252	.000158	.0002555	.0475422	.0005869	.0005948
#2	-.001343	.004801	-.000065	.0004349	.0491646	.0013497	-.000122
#3	-.001043	-.000305	-.000460	.0010837	.0523160	.0007012	.000348

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531302	-.004583	-.000178	.0033665	.0002959	-.008346	-.004678
Stddev	.0173242	.000421	.000230	.0001999	.0005173	.004191	.002358
%RSD	32.60709	9.178118	129.2334	5.936267	174.7837	50.21985	50.40888
#1	.0331290	-.004129	.000077	.0034507	-.000266	-.006267	-.004012
#2	.0628277	-.004959	-.000369	.0035105	.000401	-.013171	-.007298
#3	.0634338	-.004663	-.000242	.0031384	.000753	-.005601	-.002725

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165879BL Acquired: 12/30/2024 18:11:24 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0034008	.0008298	-.000072
Stddev	.0033453	.0008731	.000038
%RSD	98.36885	105.2140	52.19848
#1	.0052649	.0017979	-.000075
#2	-.000461	.0005891	-.000033
#3	.005399	.0001023	-.000109

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2618.295	58854.12	11878.10	2001.634	3825.186
Stddev	40.452	216.29	92.03	14.078	67.324
%RSD	1.544990	.3675083	.7747523	.7033397	1.760006
#1	2650.480	58990.83	11830.74	2015.224	3879.173
#2	2572.886	58966.78	11819.40	2002.565	3749.752
#3	2631.521	58604.75	11984.16	1987.114	3846.633

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165879BS Acquired: 12/30/2024 18:15:45 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7799204	1.898094	.9575557	1.997041	.7804548	1.801329
Stddev	.0018983	.014557	.0023031	.012675	.0029980	.002708
%RSD	.2433931	.7669483	.2405141	.6346932	.3841295	.1503413
#1	.7777308	1.884278	.9565535	1.982785	.7772556	1.802138
#2	.7809269	1.913294	.9601901	2.007039	.7831996	1.803540
#3	.7811033	1.896711	.9559236	2.001299	.7809092	1.798308

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1727059	.2035246	.2019066	.9588999	.4000191	.1935140
Stddev	.0005222	.0002314	.0002391	.0090179	.0012074	.0003032
%RSD	.3023778	.1137119	.1184230	.9404398	.3018320	.1566803
#1	.1725456	.2034169	.2017701	.9486421	.4011400	.1932945
#2	.1722826	.2033666	.2021827	.9624777	.4001766	.1938600
#3	.1732895	.2037902	.2017670	.9655798	.3987407	.1933876

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2908846	2.784898	.1833534	2.055476	.4885765	.0751052
Stddev	.0003447	.012319	.0006726	.019793	.0008405	.0004150
%RSD	.1184970	.4423559	.3668322	.9629353	.1720229	.5525525
#1	.2909475	2.773389	.1825860	2.046598	.4879620	.0746642
#2	.2911935	2.797893	.1836333	2.041677	.4895343	.0754880
#3	.2905128	2.783411	.1838408	2.078154	.4882333	.0751636

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.716105	.2772319	.1949589	8.777253	.2846625	.3812877
Stddev	.011607	.0018703	.0009912	.034356	.0006394	.0003516
%RSD	.4273359	.6746160	.5084150	.3914211	.2246021	.0922103
#1	2.720451	.2752274	.1955574	8.775178	.2850841	.3810177
#2	2.724912	.2789300	.1938148	8.812599	.2839268	.3816852
#3	2.702952	.2775383	.1955045	8.743981	.2849764	.3811600

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165879BS Acquired: 12/30/2024 18:15:45 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.6775355	.1807680	F .6908495	5.870325	F -.007857	.1832137
Stddev	.0034202	.0001894	.0107489	.014981	.002681	.0013782
%RSD	.5047984	.1047940	1.555895	.2551968	34.11976	.7522565
#1	.6735969	.1808941	.6949209	5.859857	-.005019	.1831349
#2	.6797555	.1805501	.6786597	5.887486	-.010347	.1846297
#3	.6792542	.1808596	.6989680	5.863632	-.008205	.1818766

Elem	Sr4077
Units	ppm
Avg	.1774146
Stddev	.0007467
%RSD	.4208544
#1	.1765865
#2	.1776206
#3	.1780366

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2581.304	57833.86	11321.50	1952.999	3781.284
Stddev	5.148	130.62	18.83	2.670	8.677
%RSD	.1994276	.2258458	.1663208	.1367328	.2294637
#1	2586.761	57752.62	11321.20	1949.915	3790.107
#2	2576.534	57764.43	11340.48	1954.540	3772.762
#3	2580.617	57984.53	11302.82	1954.540	3780.984

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5390-01 Acquired: 12/30/2024 18:19:45 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0330687	-.005663	.3011406	-.052788	-.007540	94.27232	.4386352
Stddev	.0022662	.001913	.0011019	.004095	.001045	2.43599	.0123933
%RSD	6.853011	33.77945	.3659086	7.756764	13.86447	2.583989	2.825415
#1	.0332395	-.004197	.3024049	-.056281	-.007941	92.70803	.4306071
#2	.0307220	-.007827	.3006325	-.048282	-.008326	93.02991	.4323898
#3	.0352447	-.004965	.3003844	-.053801	-.006354	97.07900	.4529086

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065656	-.005730	43.09248	.1877297	.0944509	.2846227	195.9345
Stddev	.0001931	.000267	1.22939	.0026513	.0002131	.0020806	1.6877
%RSD	2.940343	4.652490	2.852907	1.412296	.2256018	.7309944	.8613641
#1	.0065754	-.005603	42.32678	.1884532	.0942072	.2853944	194.9296
#2	.0063678	-.006037	42.44011	.1899442	.0946020	.2822666	197.8830
#3	.0067535	-.005551	44.51055	.1847918	.0945436	.2862072	194.9910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.551284	34.34264	.1614812	-.016070	8.608041	.3064578	.4719050
Stddev	.101876	.94444	.0006660	.000508	.102066	.0085522	.0080800
%RSD	2.868717	2.750038	.4124316	3.159013	1.185703	2.790654	1.712216
#1	3.486549	33.80057	.1607869	-.016107	8.571001	.3044252	.4742069
#2	3.498589	33.79418	.1615420	-.016557	8.723455	.2991051	.4785843
#3	3.668715	35.43318	.1621148	-.015544	8.529667	.3158432	.4629238

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.285435	.1207318	.0055610	.0135499	3.347593	5.335835	5.161034
Stddev	.033051	.0040958	.0002009	.0004672	.091611	.063537	.022518
%RSD	.4536585	3.392434	3.611911	3.447918	2.736620	1.190765	.4363031
#1	7.260859	.1207745	.0055220	.0134574	3.284442	5.287100	5.185035
#2	7.323009	.1248061	.0053825	.0140564	3.305672	5.407697	5.157695
#3	7.272437	.1166149	.0057785	.0131359	3.452663	5.312709	5.140373

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5390-01 Acquired: 12/30/2024 18:19:45 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	3.056164	.0773159	-.053567
Stddev	.003463	.0024480	.004974
%RSD	.1133266	3.166297	9.286124
#1	3.057136	.0757346	-.055365
#2	3.059039	.0760775	-.057392
#3	3.052319	.0801358	-.047944

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2879.080	62896.94	13007.55	2122.197	3709.792
Stddev	2.140	697.96	297.99	27.439	4.194
%RSD	.0743245	1.109694	2.290932	1.292936	.1130630
#1	2881.516	62792.71	13153.09	2109.982	3712.999
#2	2878.219	62256.95	13204.81	2102.986	3711.331
#3	2877.504	63641.16	12664.76	2153.621	3705.045

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01 Acquired: 12/30/2024 18:23:49 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0328270	.0084962	.1238376	-.029125	-.000567	40.80280
Stddev	.0010722	.0035079	.0017138	.001667	.001394	.20871
%RSD	3.266133	41.28836	1.383885	5.723357	245.7345	.5115149
#1	.0320731	.0111053	.1229062	-.031002	.000116	40.64730
#2	.0323534	.0045084	.1227913	-.028553	-.002171	40.72110
#3	.0340544	.0098750	.1258154	-.027819	.000353	41.04001

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3061303	.0048894	-.000624	616.7305	.1411477	.0603129
Stddev	.0013849	.0000919	.000179	3.3980	.0009556	.0001969
%RSD	.4523967	1.880375	28.72685	.5509731	.6769898	.3265093
#1	.3053297	.0049271	-.000528	616.0742	.1405676	.0601112
#2	.3053318	.0047846	-.000831	613.7085	.1422506	.0603228
#3	.3077295	.0049564	-.000513	620.4088	.1406250	.0605047

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3002662	128.3915	1.517918	415.2796	.1106152	-.009677
Stddev	.0005083	.1843	.011571	2.4937	.0010669	.000158
%RSD	.1692778	.1435633	.7623207	.6004927	.9645301	1.632350
#1	.3000596	128.1833	1.512956	414.4207	.1107440	-.009582
#2	.2998938	128.5341	1.509655	413.3289	.1094896	-.009590
#3	.3008453	128.4569	1.531143	418.0893	.1116118	-.009859

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.495385	.2455978	.2720629	7.104228	.5372261	.0044661
Stddev	.012975	.0036770	.0017520	.030755	.0029601	.0000822
%RSD	.3711954	1.497153	.6439780	.4329156	.5509970	1.840147
#1	3.484081	.2456745	.2700400	7.087922	.5345091	.0045366
#2	3.509552	.2418831	.2730972	7.139703	.5367887	.0043758
#3	3.492520	.2492359	.2730514	7.085060	.5403806	.0044858

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01 Acquired: 12/30/2024 18:23:49 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.001585	2.862920	5.828601	2.692536	F 10.38829	-.031007
Stddev	.000691	.021228	.040208	.021292	.03750	.000325
%RSD	43.58364	.7414786	.6898434	.7907828	.3609376	1.047895
#1	-.002306	2.850632	5.782224	2.669475	10.38164	-.031169
#2	-.001520	2.850696	5.853679	2.696681	10.35457	-.030633
#3	-.000929	2.887431	5.849901	2.711450	10.42867	-.031219

Elem	Sr4077
Units	ppm
Avg	.2453837
Stddev	.0016352
%RSD	.6664007
#1	.2444994
#2	.2443810
#3	.2472707

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2297.892	52282.34	11869.35	1745.646	3110.181
Stddev	4.439	124.01	91.02	5.146	8.278
%RSD	.1931622	.2371955	.7668276	.2947714	.2661503
#1	2297.260	52425.46	11920.24	1751.202	3110.670
#2	2302.612	52206.92	11923.53	1741.045	3118.203
#3	2293.803	52214.63	11764.27	1744.692	3101.669

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01DUP Acquired: 12/30/2024 18:28:02 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0235848	-.009252	.1132452	-.045758	.0045426	40.96234	.3096090
Stddev	.0035489	.000795	.0017175	.006506	.0003457	.36436	.0021060
%RSD	15.04744	8.588480	1.516602	14.21942	7.610962	.8894922	.6802297
#1	.0200274	-.009379	.1114626	-.038537	.0041485	41.33527	.3114390
#2	.0271252	-.008401	.1148891	-.051164	.0047949	40.60721	.3073070
#3	.0236017	-.009975	.1133841	-.047572	.0046843	40.94455	.3100810

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034680	-.002105	617.0111	.1356243	.0578281	.2942747	122.6235
Stddev	.0000220	.000384	6.6653	.0023894	.0004569	.0041983	2.0889
%RSD	.6352861	18.26247	1.080263	1.761750	.7901159	1.426662	1.703537
#1	.0034699	-.002298	624.6750	.1364681	.0573349	.2919164	123.2151
#2	.0034451	-.001662	612.5660	.1329275	.0582370	.2991219	120.3026
#3	.0034891	-.002355	613.7925	.1374772	.0579124	.2917859	124.3528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.555003	410.1556	.1044046	-.011162	3.177029	.2441824	.2209475
Stddev	.007540	4.3931	.0007215	.000340	.059928	.0028373	.0059007
%RSD	.4848931	1.071092	.6910600	3.048369	1.886276	1.161957	2.670649
#1	1.559960	415.0266	.1037139	-.011460	3.204232	.2443586	.2218197
#2	1.546326	406.4934	.1051534	-.011235	3.108325	.2412612	.2146592
#3	1.558723	408.9468	.1043464	-.010791	3.218531	.2469276	.2263636

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.581469	.5461368	.0067599	.0022485	2.910996	6.171000	2.563843
Stddev	.142549	.0056472	.0003515	.0005605	.018723	.158064	.018147
%RSD	2.165920	1.034028	5.200264	24.92855	.6431944	2.561402	.7077939
#1	6.555844	.5471105	.0068151	.0024224	2.923126	6.195888	2.545181
#2	6.453470	.5400661	.0063841	.0027016	2.889432	6.001968	2.581427
#3	6.735093	.5512339	.0070806	.0016217	2.920430	6.315143	2.564921

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01DUP Acquired: 12/30/2024 18:28:02 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	9.821923	-.031904	.2507008
Stddev	.059194	.000963	.0012156
%RSD	.6026683	3.017850	.4848914
#1	9.761076	-.032543	.2519764
#2	9.879311	-.032373	.2505704
#3	9.825383	-.030797	.2495556

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.925	54294.38	11507.57	1834.874	3207.992
Stddev	10.183	999.27	74.65	29.881	17.437
%RSD	.4269877	1.840468	.6487101	1.628521	.5435383
#1	2391.780	53957.01	11438.65	1825.450	3224.091
#2	2373.223	55418.67	11586.87	1868.331	3189.471
#3	2389.770	53507.46	11497.21	1810.841	3210.415

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01LX5 Acquired: 12/30/2024 18:32:18 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0065762	-.000888	.0237109	-.009553	-.003447	8.276173	.0645088
Stddev	.0015624	.002754	.0005506	.003507	.000514	.013584	.0002756
%RSD	23.75864	310.2322	2.322211	36.70774	14.91945	.1641297	.4272008
#1	.0083582	-.002613	.0231189	-.011360	-.003974	8.265546	.0648054
#2	.0054413	.002288	.0238061	-.005511	-.003421	8.291478	.0642607
#3	.0059290	-.002338	.0242077	-.011788	-.002947	8.271497	.0644603

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007668	-.000663	129.8904	.0281596	.0113659	.0629045	25.14031
Stddev	.0000180	.000162	.2183	.0002993	.0001964	.0007102	.11678
%RSD	2.348357	24.38903	.1680548	1.063025	1.728317	1.129034	.4645076
#1	.0007747	-.000850	129.7727	.0278180	.0113460	.0622511	25.01490
#2	.0007462	-.000566	130.1423	.0283759	.0115715	.0628021	25.24592
#3	.0007795	-.000574	129.7563	.0282849	.0111801	.0636604	25.16011

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3284470	83.07498	.0210402	-.002030	.6311216	.0516018	.0480597
Stddev	.0005037	.23865	.0001958	.000369	.0104232	.0013009	.0003997
%RSD	.1533591	.2872697	.9305684	18.15758	1.651534	2.520989	.8317374
#1	.3281894	82.79947	.0210397	-.001992	.6204667	.0530812	.0476152
#2	.3281243	83.21772	.0208447	-.001682	.6412965	.0510874	.0483896
#3	.3290274	83.20775	.0212363	-.002416	.6316015	.0506367	.0481744

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.228656	.1125042	.0009490	-.000254	.6043012	1.145236	.4927514
Stddev	.019038	.0006932	.0002264	.000488	.0025688	.020340	.0071520
%RSD	1.549500	.6161137	23.85271	191.9973	.4250880	1.776021	1.451449
#1	1.206690	.1132743	.0009042	-.000808	.6064110	1.163385	.4861806
#2	1.238884	.1123080	.0007484	.000113	.6014407	1.123252	.4917043
#3	1.240394	.1119303	.0011944	-.000068	.6050520	1.149072	.5003693

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01LX5 Acquired: 12/30/2024 18:32:18 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	1.879774	-.008254	.0504288
Stddev	.019375	.000760	.0003192
%RSD	1.030721	9.202870	.6328978
#1	1.862426	-.008514	.0506943
#2	1.876214	-.008849	.0505173
#3	1.900682	-.007398	.0500747

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2509.557	57036.34	11630.37	1922.538	3583.467
Stddev	16.784	272.78	1.96	14.837	23.136
%RSD	.6688131	.4782538	.0168264	.7717310	.6456349
#1	2520.680	57265.71	11630.84	1939.500	3603.169
#2	2517.740	56734.71	11632.04	1911.974	3589.241
#3	2490.251	57108.61	11628.22	1916.140	3557.990

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01MS Acquired: 12/30/2024 18:36:34 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7655655	1.809255	1.066350	1.743469	.5595436	41.89808	.4268390
Stddev	.0059329	.018339	.007611	.014961	.0037846	.47607	.0052566
%RSD	.7749671	1.013645	.7137700	.8581051	.6763722	1.136260	1.231521
#1	.7597424	1.788505	1.058246	1.728288	.5566157	42.05299	.4288564
#2	.7653518	1.815965	1.067457	1.743921	.5581979	41.36385	.4208725
#3	.7716024	1.823294	1.073347	1.758199	.5638171	42.27741	.4307880

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1970653	.1966719	843.1857	.5049692	.2378876	.4486325	105.8753
Stddev	.0028628	.0016146	8.6502	.0092800	.0021399	.0043228	2.1637
%RSD	1.452726	.8209794	1.025895	1.837744	.8995217	.9635441	2.043623
#1	.1987376	.1950025	851.3296	.5156776	.2356252	.4450746	108.3539
#2	.1937596	.1967877	834.1054	.4992722	.2381586	.4473795	104.9077
#3	.1986985	.1982256	844.1220	.4999579	.2398791	.4534433	104.3642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.597588	565.9239	.5698999	.0723085	6.520738	.4597331	.4229048
Stddev	.020811	7.7011	.0032603	.0011939	.120534	.0052405	.0076431
%RSD	1.302662	1.360808	.5720812	1.651079	1.848470	1.139909	1.807279
#1	1.609770	568.9160	.5669684	.0736703	6.656381	.4629199	.4317203
#2	1.573558	557.1758	.5693201	.0714421	6.479918	.4536848	.4188589
#3	1.609437	571.6801	.5734112	.0718131	6.425915	.4625946	.4181351

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.77475	.4214172	.4048765	.7365734	2.359149	6.681430	8.616794
Stddev	.34490	.0043099	.0025234	.0057748	.021271	.140285	.053603
%RSD	2.056085	1.022712	.6232620	.7840045	.9016564	2.099630	.6220800
#1	17.16879	.4246644	.4027674	.7319165	2.368398	6.832835	8.554925
#2	16.62777	.4165276	.4041900	.7347686	2.334819	6.655603	8.646122
#3	16.52768	.4230597	.4076722	.7430350	2.374231	6.555853	8.649333

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01MS Acquired: 12/30/2024 18:36:34 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	3.845734	.1362342	.5122045
Stddev	.032912	.0024276	.0076707
%RSD	.8558144	1.781919	1.497589
#1	3.813807	.1357129	.5126940
#2	3.843846	.1341097	.5043008
#3	3.879550	.1388801	.5196188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2302.377	50676.23	11195.55	1686.182	3101.223
Stddev	8.880	951.49	138.55	29.325	14.833
%RSD	.3857046	1.877596	1.237576	1.739140	.4783062
#1	2309.180	49604.59	11130.62	1653.259	3114.607
#2	2305.621	51002.19	11354.64	1695.786	3103.788
#3	2292.331	51421.90	11101.38	1709.500	3085.275

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01MSD Acquired: 12/30/2024 18:40:40 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7888042	1.878952	1.101479	1.814914	.5822681	42.22480	.4212782
Stddev	.0029628	.013805	.003743	.009860	.0038946	.14157	.0019854
%RSD	.3756126	.7347439	.3397990	.5432806	.6688755	.3352651	.4712889
#1	.7869837	1.875317	1.097422	1.803529	.5784633	42.29013	.4223025
#2	.7922230	1.867328	1.102216	1.820622	.5862468	42.32190	.4225423
#3	.7872059	1.894212	1.104798	1.820592	.5820943	42.06236	.4189898

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1996300	.2040782	841.6104	.4919024	.2445552	.4675952	100.6094
Stddev	.0002413	.0004388	8.4239	.0207760	.0011817	.0010987	3.7517
%RSD	.1208916	.2149978	1.000930	4.223592	.4832001	.2349578	3.728996
#1	.1995482	.2035757	851.1205	.4680123	.2432045	.4679985	96.2839
#2	.1999016	.2043854	838.6249	.5019531	.2453983	.4684352	102.5655
#3	.1994401	.2042735	835.0858	.5057417	.2450628	.4663519	102.9788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.592881	567.2070	.5857278	.0700563	6.109067	.4591498	.3803932
Stddev	.008946	2.5678	.0036726	.0022063	.236668	.0008768	.0143609
%RSD	.5616244	.4527035	.6270061	3.149295	3.874037	.1909706	3.775276
#1	1.601301	569.7592	.5814877	.0675133	5.835910	.4600583	.3640434
#2	1.593854	567.2380	.5879068	.0714598	6.238544	.4590825	.3861706
#3	1.583488	564.6239	.5877890	.0711959	6.252748	.4583085	.3909656

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.97169	.4204894	.4203606	.7626726	2.374682	7.366118	8.876058
Stddev	.66427	.0039478	.0017844	.0042002	.007719	.308271	.035807
%RSD	4.159045	.9388626	.4245019	.5507194	.3250493	4.184988	.4034128
#1	15.20566	.4159400	.4183002	.7587385	2.380819	7.012856	8.839654
#2	16.32075	.4230140	.4214126	.7670960	2.366016	7.504856	8.877282
#3	16.38865	.4225143	.4213688	.7621833	2.377210	7.580641	8.911237

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01MSD Acquired: 12/30/2024 18:40:40 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	3.931341	.1373336	.5109873
Stddev	.014972	.0019247	.0045957
%RSD	.3808357	1.401470	.8993727
#1	3.914598	.1351115	.5153871
#2	3.935980	.1384748	.5113568
#3	3.943444	.1384146	.5062180

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2244.109	52382.56	10992.19	1738.756	3019.142
Stddev	7.514	1871.57	66.12	61.675	8.652
%RSD	.3348133	3.572885	.6015556	3.547081	.2865728
#1	2252.318	54535.93	10918.75	1809.488	3029.114
#2	2237.572	51464.05	11010.82	1710.570	3013.622
#3	2242.439	51147.70	11047.00	1696.209	3014.691

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV06 Acquired: 12/30/2024 18:44:47 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	4.710783	4.788569	4.841950	4.914057	4.900100	9.556378	9.137817
Stddev	.019978	.025426	.023655	.033143	.026538	.034034	.092829
%RSD	.4240839	.5309714	.4885456	.6744475	.5415851	.3561395	1.015882
#1	4.733293	4.794704	4.867985	4.952275	4.930685	9.523597	9.030776
#2	4.695161	4.760637	4.821777	4.896678	4.883176	9.553998	9.196235
#3	4.703895	4.810366	4.836089	4.893219	4.886437	9.591540	9.186440

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2627621	2.493757	24.67523	.9960881	2.409774	1.181529	4.670015
Stddev	.0019891	.013641	.03450	.0065205	.015318	.007634	.045769
%RSD	.7570111	.5470056	.1398353	.6546073	.6356534	.6461466	.9800608
#1	.2650037	2.508896	24.63567	.9990290	2.426396	1.190254	4.627503
#2	.2620749	2.482422	24.69092	.9886151	2.396226	1.176075	4.664080
#3	.2612077	2.489953	24.69910	1.000620	2.406699	1.178258	4.718462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.379395	26.06543	2.412076	1.221987	22.73210	2.407063	2.403925
Stddev	.003747	.02804	.014130	.007697	.12125	.005744	.013857
%RSD	.1574806	.1075802	.5858072	.6298578	.5334066	.2386357	.5764265
#1	2.377548	26.04066	2.427829	1.226162	22.63618	2.400436	2.408931
#2	2.376930	26.05976	2.400519	1.213105	22.69174	2.410614	2.388261
#3	2.383707	26.09588	2.407881	1.226695	22.86839	2.410139	2.414583

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.81913	5.084730	4.763840	4.850021	4.738366	4.673631	4.880681
Stddev	.11544	.043783	.022008	.032877	.006759	.048488	.030011
%RSD	.5058806	.8610627	.4619755	.6778815	.1426501	1.037475	.6149027
#1	22.74042	5.134803	4.789031	4.884777	4.730596	4.628062	4.912511
#2	22.76531	5.065731	4.748349	4.819417	4.742886	4.668243	4.852898
#3	22.95164	5.053656	4.754139	4.845869	4.741617	4.724587	4.876635

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV06 Acquired: 12/30/2024 18:44:47 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	4.669376	4.649217	4.746534
Stddev	.029209	.006953	.024361
%RSD	.6255527	.1495564	.5132346
#1	4.700123	4.642406	4.771022
#2	4.641996	4.656304	4.746277
#3	4.666011	4.648941	4.722303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2587.988	56441.22	10846.91	1915.319	3735.423
Stddev	14.683	285.01	48.27	13.530	21.930
%RSD	.5673615	.5049621	.4450255	.7064093	.5870732
#1	2571.257	56376.50	10792.05	1912.503	3710.180
#2	2593.976	56753.02	10865.78	1930.035	3749.783
#3	2598.731	56194.14	10882.89	1903.418	3746.305

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB06 Acquired: 12/30/2024 18:48:58 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.000047	.0002997	-.000224	-.000200	-.001150	-.004065	.0019180
Stddev	.000752	.0004298	.000949	.002958	.000414	.005104	.0007675
%RSD	1599.004	143.4121	422.8881	1481.161	36.01623	125.5639	40.01710
#1	-.000846	.0001568	.000652	.001569	-.001602	-.005433	.0015196
#2	.000647	.0007826	-.000093	-.003615	-.001061	-.008345	.0014316
#3	.000058	-.000040	-.001232	.001446	-.000788	.001584	.0028028

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000010	.0001513	.0031082	-.000296	-.000141	-.000451	-.000776
Stddev	.0000470	.0000795	.0022184	.000322	.000152	.000371	.002541
%RSD	4710.083	52.49450	71.37186	108.9057	107.7363	82.22145	327.5177
#1	.0000052	.0001876	.0010336	.000037	-.000234	-.000052	-.003231
#2	.0000458	.0000602	.0054468	-.000319	.000034	-.000786	.001844
#3	-.000048	.0002062	.0028443	-.000605	-.000223	-.000515	-.000941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000957	.0059084	.0001670	.0003509	.0326224	-.000458	-.000183
Stddev	.000052	.0255582	.0003143	.0002477	.0092304	.001229	.000156
%RSD	5.485914	432.5705	188.2173	70.56897	28.29483	268.3805	85.17018
#1	-.000918	.0096536	-.000102	.0006319	.0222296	.000770	-.000003
#2	-.000935	-.021316	.000091	.0002568	.0357711	-.000456	-.000266
#3	-.001017	.029387	.000512	.0001642	.0398665	-.001688	-.000280

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082294	.0002802	-.000120	.0031915	.0004286	-.001913	-.002526
Stddev	.0042332	.0003926	.000183	.0002463	.0003128	.005126	.002087
%RSD	51.43985	140.1070	152.4153	7.717603	72.98782	268.0434	82.62862
#1	.0035411	.0006673	-.000162	.0034191	.0003370	-.006804	-.000251
#2	.0093757	-.000118	.000080	.0032254	.0001718	-.002353	-.004352
#3	.0117715	.000291	-.000277	.0029300	.0007771	.003420	-.002975

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB06 Acquired: 12/30/2024 18:48:58 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.001849	.0001207	.0000536
Stddev	.001250	.0006401	.0000037
%RSD	67.63702	530.2692	6.844073
#1	-.002593	-.000307	.0000576
#2	-.000405	-.000187	.0000529
#3	-.002548	.000857	.0000504

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.444	58775.22	11651.87	2012.338	3879.590
Stddev	14.908	637.91	494.75	15.569	16.835
%RSD	.5631197	1.085336	4.246072	.7736597	.4339281
#1	2633.642	58351.68	11885.22	2002.419	3863.983
#2	2663.255	58465.07	11986.78	2004.313	3897.430
#3	2645.435	59508.89	11083.60	2030.282	3877.356

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01A Acquired: 12/30/2024 18:53:19 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7787621	1.828235	1.080123	1.787539	.5802375	43.14272	.4341086
Stddev	.0081698	.012862	.005504	.015766	.0014657	.33036	.0040400
%RSD	1.049078	.7035097	.5095802	.8819710	.2525971	.7657277	.9306429
#1	.7866196	1.842913	1.086419	1.805460	.5815495	42.94459	.4321992
#2	.7793544	1.818934	1.077725	1.775805	.5805072	42.95949	.4313772
#3	.7703122	1.822858	1.076224	1.781354	.5786556	43.52409	.4387494

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1955284	.1991481	842.0055	.5079675	.2405003	.4547716	106.5656
Stddev	.0017908	.0012168	6.0000	.0015876	.0014306	.0023373	.9263
%RSD	.9158805	.6109902	.7125855	.3125296	.5948433	.5139574	.8691935
#1	.1948628	.2004296	836.5460	.5098006	.2421398	.4568040	106.6651
#2	.1941657	.1990060	841.0412	.5070410	.2398554	.4552933	105.5936
#3	.1975567	.1980086	848.4292	.5070609	.2395057	.4522175	107.4380

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.595451	567.6117	.5755175	.0725803	6.551314	.4637080	.3954707
Stddev	.019536	6.3900	.0032650	.0000915	.018612	.0039078	.0018489
%RSD	1.224472	1.125769	.5673126	.1260551	.2840934	.8427336	.4675081
#1	1.587111	566.2229	.5792812	.0725162	6.572789	.4644020	.3972797
#2	1.581470	562.0304	.5738261	.0725397	6.539862	.4594997	.3935844
#3	1.617773	574.5820	.5734452	.0726851	6.541291	.4672224	.3955481

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.28615	.4268848	.4140974	.7473004	2.459242	9.322169	8.662493
Stddev	.00853	.0030276	.0023551	.0060310	.014211	.059638	.033140
%RSD	.0493689	.7092316	.5687402	.8070436	.5778789	.6397421	.3825691
#1	17.29537	.4250478	.4168118	.7542598	2.446549	9.360957	8.699107
#2	17.27853	.4252274	.4128833	.7436006	2.456582	9.352052	8.634551
#3	17.28454	.4303793	.4125970	.7440408	2.474596	9.253497	8.653820

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: P5391-01A Acquired: 12/30/2024 18:53:19 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	3.856910	.1394211	.5175495
Stddev	.024305	.0006058	.0047395
%RSD	.6301748	.4345286	.9157545
#1	3.874216	.1387327	.5149509
#2	3.867391	.1396574	.5146777
#3	3.829122	.1398732	.5230199

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2283.162	51038.10	11345.10	1693.624	3078.675
Stddev	10.434	218.05	94.88	10.964	14.502
%RSD	.4569881	.4272342	.8363144	.6473897	.4710368
#1	2273.474	50860.30	11380.04	1682.050	3063.109
#2	2281.805	51281.39	11417.55	1703.855	3081.115
#3	2294.209	50972.62	11237.70	1694.968	3091.803

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165917BL Acquired: 12/30/2024 18:57:26 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.0004110	-.000685	.0002209	-.001281	.0003594	.0054188	.0016045
Stddev	.0004369	.001185	.0008779	.004206	.0003872	.0077436	.0003910
%RSD	106.3189	173.1656	397.3596	328.2729	107.7471	142.9022	24.36691
#1	.0004152	-.001869	.0011216	-.002790	.0001347	.0129303	.0018290
#2	.0008458	.000501	.0001735	-.004524	.0001370	.0058636	.0011531
#3	-.000028	-.000686	-.000632	.003471	.0008065	-.002538	.0018315

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000633	.0001031	.0639404	-.000200	-.000152	-.000557	.0092275
Stddev	.0000367	.0001128	.0104417	.000269	.000091	.000035	.0041125
%RSD	58.00097	109.3558	16.33037	134.7327	60.03375	6.362680	44.56840
#1	.0000281	.0001758	.0712405	-.000165	-.000229	-.000567	.0129839
#2	.0000605	.0001602	.0686005	-.000485	-.000051	-.000585	.0098653
#3	.0001013	-.000027	.0519801	.000050	-.000174	-.000517	.0048333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001021	.0415367	-.000272	.0003032	.0283787	.0002972	-.000617
Stddev	.000102	.0118942	.000216	.0002131	.0081600	.0008361	.000174
%RSD	10.02040	28.63548	79.36006	70.30079	28.75397	281.3518	28.19889
#1	-.000903	.0459323	-.000522	.0000605	.0197506	-.000475	-.000420
#2	-.001085	.0506075	-.000154	.0004601	.0294137	.001185	-.000678
#3	-.001075	.0280703	-.000141	.0003888	.0359718	.000181	-.000752

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005667	-.002780	.0001354	.0026323	.0002783	-.000271	-.003114
Stddev	.017229	.000497	.0001459	.0008823	.0002081	.001468	.000839
%RSD	304.0467	17.88886	107.7374	33.51653	74.78903	540.8471	26.93739
#1	.011421	-.002230	.0002212	.0032673	.0003387	.000687	-.002195
#2	-.023034	-.002915	-.000033	.0030047	.0004496	-.001961	-.003839
#3	-.005388	-.003197	.000218	.0016249	.0000467	.000460	-.003309

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165917BL Acquired: 12/30/2024 18:57:26 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.000203	-.001099	-.000011
Stddev	.004382	.000704	.000035
%RSD	2155.551	64.03873	313.2318
#1	.002757	-.000560	-.000052
#2	-.005238	-.000842	.000013
#3	.001870	-.001896	.000005

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2725.542	58100.23	11900.34	2012.073	4008.939
Stddev	18.929	1755.65	20.62	51.578	21.017
%RSD	.6944979	3.021768	.1732518	2.563414	.5242492
#1	2735.893	58701.96	11900.55	2032.888	4020.645
#2	2703.695	59475.90	11920.86	2049.990	3984.676
#3	2737.039	56122.83	11879.62	1953.340	4021.496

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165917BS Acquired: 12/30/2024 19:01:46 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.7352600	1.837360	.9292905	1.844892	.7364457	1.740142
Stddev	.0045013	.010564	.0019581	.003738	.0011190	.024597
%RSD	.6122079	.5749311	.2107134	.2026361	.1519473	1.413490
#1	.7371816	1.835470	.9275883	1.841032	.7366666	1.712186
#2	.7301168	1.827869	.9288527	1.848495	.7352327	1.758461
#3	.7384817	1.848741	.9314305	1.845148	.7374378	1.749780

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1723711	.1948385	.1925698	.9459713	.3911236	.1877197
Stddev	.0019377	.0020337	.0003352	.0116997	.0002996	.0001616
%RSD	1.124141	1.043798	.1740821	1.236791	.0765973	.0860856
#1	.1701612	.1929462	.1922394	.9332071	.3914529	.1875877
#2	.1731726	.1945802	.1925604	.9561860	.3908671	.1876715
#3	.1737794	.1969890	.1929097	.9485208	.3910509	.1878999

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2807035	2.768061	.1809158	1.956148	.4718351	.0737736
Stddev	.0010649	.023509	.0028143	.020222	.0007125	.0003718
%RSD	.3793554	.8493072	1.555564	1.033761	.1510154	.5039956
#1	.2802172	2.745654	.1777314	1.932892	.4713337	.0735911
#2	.2799685	2.792536	.1819473	1.969599	.4715208	.0735282
#3	.2819246	2.765991	.1830688	1.965951	.4726507	.0742014

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.666941	.2716343	.1912221	8.634943	.2746554	.3752181
Stddev	.020233	.0034518	.0014598	.109517	.0038843	.0014477
%RSD	.7586669	1.270745	.7633944	1.268296	1.414261	.3858245
#1	2.645926	.2683132	.1927017	8.559634	.2712929	.3745087
#2	2.686289	.2713864	.1897829	8.760576	.2737660	.3742620
#3	2.668609	.2752034	.1911817	8.584618	.2789073	.3768837

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: PB165917BS Acquired: 12/30/2024 19:01:46 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	.6547732	.1783421	F .6865686	5.481521	F -.011506	.1767649
Stddev	.0039823	.0026498	.0092099	.011451	.001482	.0023456
%RSD	.6082020	1.485802	1.341442	.2089089	12.87635	1.326943
#1	.6511395	.1752864	.6865328	5.480776	-.010886	.1743411
#2	.6541496	.1800065	.6957965	5.470460	-.010436	.1769299
#3	.6590306	.1797333	.6773767	5.493326	-.013197	.1790236

Elem	Sr4077
Units	ppm
Avg	.1749799
Stddev	.0023659
%RSD	1.352107
#1	.1722549
#2	.1761745
#3	.1765105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2705.399	58966.49	11748.45	2009.282	4011.447
Stddev	2.068	167.92	111.75	.739	2.430
%RSD	.0764522	.2847753	.9512196	.0367875	.0605670
#1	2703.105	59043.52	11867.29	2009.696	4009.314
#2	2707.122	58773.88	11732.59	2008.428	4010.935
#3	2705.970	59082.09	11645.48	2009.721	4014.091

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: LR1 Acquired: 12/30/2024 19:14:45 Type: Unk
Method: NON EPA-6010-200.7(v2574) 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	.0271704	.0893001	.0766346	-.334365	-.015088	1850.438	.0122585
Stddev	.0049124	.0031605	.0047086	.003731	.004823	36.771	.0012408
%RSD	18.08001	3.539157	6.144193	1.115884	31.96802	1.987165	10.12203
#1	.0230784	.0923529	.0787743	-.334890	-.012798	1889.787	.0136912
#2	.0326184	.0860420	.0712361	-.337805	-.011836	1816.948	.0115554
#3	.0258145	.0895053	.0798934	-.330399	-.020629	1844.577	.0115290

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090523	.0015911	1544.526	-.001427	.0320321	-.054159	869.8611
Stddev	.0001103	.0008911	29.519	.000550	.0007547	.007416	8.1517
%RSD	1.218928	56.00334	1.911202	38.51549	2.356135	13.69324	.9371226
#1	.0091234	.0015615	1575.753	-.001656	.0328527	-.058103	876.7455
#2	.0091083	.0024966	1517.080	-.000800	.0313678	-.045604	860.8598
#3	.0089252	.0007152	1540.746	-.001824	.0318758	-.058770	871.9780

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.072476	1731.243	.0212984	-.139038	1721.712	.0751561	.1381946
Stddev	.001050	29.795	.0016273	.000414	24.026	.0036816	.0024381
%RSD	1.448409	1.721045	7.640379	.2977789	1.395444	4.898595	1.764238
#1	-.073227	1765.099	.0196231	-.139461	1745.577	.0788482	.1409571
#2	-.071276	1709.014	.0213992	-.139018	1697.529	.0714851	.1372829
#3	-.072924	1719.615	.0228730	-.138634	1722.029	.0751348	.1363436

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	755.9211	.3408368	-.004283	.0180901	-.036524	.1199628	.0897826
Stddev	3.6279	.0019582	.001822	.0026954	.001354	.0122268	.0017417
%RSD	.4799260	.5745413	42.55212	14.89965	3.706805	10.19215	1.939929
#1	759.6813	.3398474	-.002256	.0156869	-.037768	.1194879	.0881345
#2	752.4419	.3395706	-.005787	.0175790	-.035082	.1324202	.0896085
#3	755.6403	.3430923	-.004805	.0210045	-.036722	.1079804	.0916049

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: LR1 Acquired: 12/30/2024 19:14:45 Type: Unk
Method: NON EPA-6010-200.7(v2574) 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	-.182783	-.242678	-.859930
Stddev	.005218	.005273	.007964
%RSD	2.854694	2.172692	.9260873
#1	-.185518	-.248088	-.866706
#2	-.186064	-.237555	-.851158
#3	-.176766	-.242392	-.861926

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1778.004	39035.21	9666.849	1269.914	2401.865
Stddev	5.434	264.22	151.044	15.448	7.789
%RSD	.3056047	.6768762	1.562490	1.216436	.3242747
#1	1771.759	38801.50	9531.860	1252.437	2392.961
#2	1781.649	39321.91	9829.987	1281.741	2407.413
#3	1780.604	38982.21	9638.701	1275.565	2405.220

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: LR2 Acquired: 12/30/2024 19:19:42 Type: Unk
Method: NON EPA-6010-200.7(v2574) 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	.0149127	-.013319	172.0148	.0206058	.0042334	.0936310	^ *****
Stddev	.0022348	.000379	.3635	.0013967	.0013241	.0182076	-----
%RSD	14.98599	2.842073	.2113277	6.778304	31.27690	19.44615	-----
#1	.0126648	-.013348	171.7057	.0207927	.0048116	.1120883	80.05181
#2	.0149392	-.013683	171.9235	.0191251	.0051701	.0931211	79.88231
#3	.0171341	-.012927	172.4153	.0218997	.0027186	.0756838	^ -----

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002967	-.005555	.3760640	.0228959	-.009588	208.7597	.0405603
Stddev	.000039	.000155	.0040204	.0001583	.000146	.9314	.0123405
%RSD	1.328760	2.782210	1.069067	.6912057	1.526805	.4461585	30.42504
#1	-.002936	-.005376	.3806098	.0227769	-.009753	209.5731	.0525869
#2	-.002955	-.005638	.3746064	.0230755	-.009473	207.7437	.0411656
#3	-.003012	-.005649	.3729757	.0228354	-.009538	208.9622	.0279282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	39.11156	.0159915	44.03210	.0019719	.3185573	-.014253	23.28787
Stddev	.05027	.0460564	.07716	.0004965	.0145208	.000158	.05723
%RSD	.1285293	288.0052	.1752471	25.17941	4.558309	1.109031	.2457436
#1	39.06545	.0564166	43.97415	.0021328	.3351285	-.014301	23.30112
#2	39.16515	.0257048	44.00245	.0014149	.3124858	-.014077	23.22518
#3	39.10408	-.034147	44.11969	.0023680	.3080577	-.014382	23.33731

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.036824	-.004884	-.005347	-.001678	-.033783	-.007666	3.774664
Stddev	.024091	.000326	.000502	.000428	.000618	.009341	.027990
%RSD	65.42261	6.672509	9.395561	25.52388	1.830546	121.8477	.7415263
#1	-.009149	-.004950	-.004786	-.001424	-.033125	.001472	3.759405
#2	-.048219	-.005172	-.005756	-.001437	-.033871	-.007273	3.757620
#3	-.053104	-.004530	-.005500	-.002173	-.034352	-.017198	3.806968

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: LR2 Acquired: 12/30/2024 19:19:42 Type: Unk
Method: NON EPA-6010-200.7(v2574) 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	.0160444	.0010131	.0019291
Stddev	.0016787	.0003420	.0000302
%RSD	10.46316	33.75534	1.563056
#1	.0178580	.0007698	.0019169
#2	.0145449	.0014041	.0019069
#3	.0157303	.0008654	.0019634

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2224.637	56842.56	10979.29	1881.180	3678.570
Stddev	6.009	664.79	91.54	14.692	8.006
%RSD	.2701129	1.169520	.8337264	.7810033	.2176469
#1	2225.793	57276.20	11067.40	1882.986	3684.908
#2	2229.984	57174.30	10985.78	1894.885	3681.228
#3	2218.134	56077.19	10884.68	1865.668	3669.572

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV07 Acquired: 12/30/2024 19:24:20 Type: Unk
Method: NON EPA-6010-200.7(v2575) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.709548	4.741163	4.866495	4.971428	4.920014	9.398489
Stddev	.041458	.051683	.044462	.058111	.052488	.040152
%RSD	.8802880	1.090084	.9136266	1.168899	1.066832	.4272190
#1	4.664934	4.681514	4.815532	4.906603	4.860899	9.380080
#2	4.716825	4.769391	4.886602	4.988834	4.937993	9.444545
#3	4.746886	4.772585	4.897352	5.018846	4.961150	9.370842

Elem	Ba4934	Be2348	Cd2265	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.772680	.2712568	2.527868	24.98692	1.003407	2.417337
Stddev	.271616	.0057745	.021651	.16510	.009509	.024404
%RSD	2.779340	2.128776	.8565091	.6607366	.9476871	1.009546
#1	10.00632	.2737958	2.503330	24.99658	1.001545	2.389796
#2	9.83706	.2753267	2.535995	25.14698	.994967	2.425943
#3	9.47466	.2646478	2.544281	24.81721	1.013709	2.436273

Elem	Cu2247	Fe2404	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.180030	4.613585	2.380078	26.90440	2.422380	1.215591
Stddev	.012098	.119854	.010648	.28823	.023181	.010671
%RSD	1.025236	2.597850	.4473807	1.071319	.9569365	.8778169
#1	1.166225	4.557318	2.375897	27.04892	2.396039	1.211326
#2	1.185078	4.532217	2.392182	27.09179	2.431428	1.207713
#3	1.188787	4.751220	2.372154	26.57250	2.439671	1.227735

Elem	Na5895	V_2924	Zn2138	K_7664	B_2496	Mo2020
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.44742	2.402553	2.367486	26.02889	5.186695	4.719047
Stddev	.83121	.004633	.022806	.86081	.111418	.044460
%RSD	3.142872	.1928176	.9632898	3.307144	2.148153	.9421495
#1	26.08854	2.399602	2.359415	25.65792	5.228723	4.667981
#2	25.85594	2.407892	2.349814	25.41576	5.270986	4.740012
#3	27.39777	2.400164	2.393230	27.01299	5.060375	4.749149

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCV07 Acquired: 12/30/2024 19:24:20 Type: Unk
Method: NON EPA-6010-200.7(v2575) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV07 Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Ti3361	Si2881	P_1774	S_1820	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.868424	4.699642	4.519700	5.027458	4.723395	F 4.448612
Stddev	.044019	.014668	.123914	.058918	.050151	.031690
%RSD	.9041815	.3121136	2.741640	1.171925	1.061752	.7123541
#1	4.819029	4.683185	4.464682	4.959568	4.666095	4.423402
#2	4.882739	4.711338	4.432823	5.065222	4.744791	4.438248
#3	4.903505	4.704404	4.661597	5.057584	4.759299	4.484186

Elem	Sr4077
Units	ppm
Avg	4.610800
Stddev	.140893
%RSD	3.055717
#1	4.690417
#2	4.693861
#3	4.448123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2570.634	55959.16	10464.69	1916.273	3684.652
Stddev	19.183	461.76	247.68	12.297	28.819
%RSD	.7462341	.8251738	2.366856	.6416944	.7821400
#1	2592.499	56032.24	10357.77	1917.740	3717.915
#2	2556.635	56380.03	10288.43	1927.770	3667.169
#3	2562.766	55465.22	10747.88	1903.308	3668.872

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB07 Acquired: 12/30/2024 19:31:40 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.000431	-.000839	-.000031	-.000576	-.001453	.0022340	.0028360
Stddev	.001228	.002078	.000172	.002920	.002169	.0101856	.0009957
%RSD	285.1133	247.7635	548.1817	506.7512	149.2473	455.9336	35.10783
#1	-.001487	-.002738	-.000222	.000202	.000758	-.007263	.0039836
#2	.000916	.001381	.000016	.001876	-.001541	.000975	.0022013
#3	-.000721	-.001160	.000112	-.003806	-.003577	.012991	.0023232

Elem	Be2348	Cd2265	Ca3736	Cr2677	Co2286	Cu2247	Fe2404
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000161	.0001731	-.003757	-.000542	-.000004	-.000164	-.001839
Stddev	.0000383	.0001561	.006395	.000100	.000023	.000164	.002143
%RSD	237.5825	90.19183	170.2134	18.37321	535.9590	100.0006	116.5279
#1	-.000023	.0003354	.003143	-.000542	-.000031	.000025	-.003779
#2	.000054	.0000240	-.004930	-.000642	.000010	-.000268	-.002201
#3	.000017	.0001598	-.009485	-.000443	.000009	-.000250	.000462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na5895	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000963	-.003852	-.000367	.0004078	.1778302	.0006856	-.000435
Stddev	.000313	.010852	.000496	.0001408	.0067965	.0011416	.000079
%RSD	32.48819	281.7225	135.0398	34.53867	3.821907	166.5110	18.21220
#1	-.001324	.005476	-.000677	.0003502	.1719408	.0003309	-.000371
#2	-.000771	-.015762	-.000630	.0005683	.1852670	-.000237	-.000524
#3	-.000794	-.001271	.000205	.0003049	.1762829	.001963	-.000410

Elem	K_7664	B_2496	Mo2020	Sn1899	Ti3361	Si2881	P_1774
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1116498	-.003189	.0002582	.0030858	.0000736	-.010444	-.007168
Stddev	.0269273	.000601	.0000778	.0005475	.0001342	.002589	.001003
%RSD	24.11769	18.85360	30.14598	17.74307	182.4235	24.78883	13.98716
#1	.0850760	-.002940	.0001918	.0028949	.0001124	-.008950	-.008293
#2	.1109560	-.003875	.0003438	.0037033	-.000076	-.013433	-.006367
#3	.1389173	-.002753	.0002390	.0026594	.000184	-.008949	-.006846

Reviewed By:mohan
On:12/31/2024
11:26:17 PM
Inst Id :P4
LB :LB134129

Sample Name: CCB07 Acquired: 12/30/2024 19:31:40 Type: Unk
Method: NON EPA-6010-200.7(v2560) 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	-.000113	.0009719	.0000164
Stddev	.000660	.0006919	.0000467
%RSD	582.8734	71.18869	285.2715
#1	-.000171	.0001829	.0000141
#2	.000574	.0014748	-.000029
#3	-.000743	.0012580	.000064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2645.762	60330.43	11328.53	2073.057	3833.917
Stddev	6.271	1087.67	122.04	46.075	13.673
%RSD	.2370112	1.802850	1.077305	2.222579	.3566376
#1	2643.093	61371.13	11411.79	2119.453	3823.822
#2	2641.267	59201.21	11385.37	2027.309	3828.452
#3	2652.926	60418.95	11188.44	2072.407	3849.478