

SOP ID : M7470A-Mercury-19

SDG No : NA

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 05/05/2025 Time : 07:20 Temp : 93 °C

End Digest Date: 05/05/2025 Time : 09:20 Temp : 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 93°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85536
CCV	30mL	MP85538
CRA	30mL	MP85540
Blank Spike	0.48mL	MP85529
Matrix Spike	0.48mL	MP85529

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.5mL	MP85240
KMnO4 (5%)	4.5mL	MP85241
K2S2O8 (5%)	2.5mL	MP85242
Hydroxylamine HCL (12%)	2.0mL	MP85243
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85530
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85531
2.5 ppb	S2.5	30mL	MP85532
5.0 ppb	S5.0	30mL	MP85533
7.5 ppb	S7.5	30mL	MP85534
10.0 ppb	S10.0	30mL	MP85535
ICV	ICV	30mL	MP85536
ICB	ICB	30mL	MP85537
CCV	CCV	30mL	MP85538
CCB	CCB	30mL	MP85539
CRI	CRI	30mL	MP85540
CHK STD	CHK STD	30mL	MP85541

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/5/25 @ 10:15	MB - Mrg. Lab	MB - Mrg. Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB167815TB	PB167815TB	3	30	<2	N/A	3-1
PB167839BL	PBW839	30	30	<2	N/A	2
PB167839BS	LCS839	30	30	<2	MP85529	3
Q1913-01	WC-12-S-202504	3	30	<2	N/A	24
Q1913-03	WC-13-S-202504	3	30	<2	N/A	25
Q1916-04	WC-12	3	30	<2	N/A	4
Q1917-04	MH-JJ	3	30	<2	N/A	5
Q1922-04	MH-R	3	30	<2	N/A	6
Q1922-08	MH-S	3	30	<2	N/A	7
Q1925-01	AUD-25-0068	3	30	<2	N/A	8
Q1925-02	AUD-25-0069	3	30	<2	N/A	9
Q1925-03	AUD-25-0070	3	30	<2	N/A	10
Q1928-04	MH-Q	3	30	<2	N/A	11
Q1929-03	WC-A4-02-C	3	30	<2	N/A	12
Q1929-07	WC-A4-03-C	3	30	<2	N/A	13
Q1929-11	WC-A4-04-C	3	30	<2	N/A	14
Q1932-02	COMP-4	3	30	<2	N/A	15
Q1932-04	COMP-5	3	30	<2	N/A	16
Q1932-06	COMP-6	3	30	<2	N/A	17
Q1932-08	COMP-7	3	30	<2	N/A	18
Q1935-04	MH-NN	3	30	<2	N/A	19
Q1935-08	MH-MM	3	30	<2	N/A	20
Q1935-08DUP	MH-MMDUP	3	30	<2	N/A	21
Q1935-08MS	MH-MMMS	3	30	<2	MP85529	22
Q1935-08MSD	MH-MMMSD	3	30	<2	MP85529	23

LB135662 INSTRUMENT ID : CV1

Method: 7470A

Operator: Admin

Date of Analysis: 05 May 2025 10:55:41

Sample ID	Extended ID	μ Abs.	Conc.	Std Conc	Method	Units	Date	Type	Type
0.0 - 1	50	46	-	0.0000	7470A	PPB	05 May 2025 10:59:09	S	Std
0.2 - 1	502	1015	-	0.2000	7470A	PPB	05 May 2025 11:01:27	S	Std
2.5 - 1	52.5	11304	-	2.5000	7470A	PPB	05 May 2025 11:03:47	S	Std
5.0 - 1	55	23614	-	5.0000	7470A	PPB	05 May 2025 11:06:04	S	Std
7.5 - 1	57.5	36484	-	7.5000	7470A	PPB	05 May 2025 11:08:21	S	Std
10.0 - 1	57.5	45777	-	10.0000	7470A	PPB	05 May 2025 11:13:18	S	Std
ICV114 - 1	ICV114	17467	3.7210	-	7470A	PPB	05 May 2025 11:16:08	U	SMPL
ICB114 - 1	ICB114	-243	-0.0667	-	7470A	PPB	05 May 2025 11:18:24	U	SMPL
CCV71 - 1	CCV71	22760	4.8530	-	7470A	PPB	05 May 2025 11:25:55	U	SMPL
CCB71 - 1	CCB71	-108	-0.0379	-	7470A	PPB	05 May 2025 11:30:48	U	SMPL
CRA - 1	CRA	980	0.1948	-	7470A	PPB	05 May 2025 11:33:04	U	SMPL
HighStd - 1	HighStd	43610	9.3123	-	7470A	PPB	05 May 2025 11:35:19	U	SMPL
ChkStd - 1	ChkStd	34184	7.2963	-	7470A	PPB	05 May 2025 11:37:34	U	SMPL
PB167839BL - 1	PBW	-112	-0.0387	-	7470A	PPB	05 May 2025 11:42:28	U	SMPL
PB167839BS - 1	LCSW	19000	0.0489	-	7470A	PPB	05 May 2025 11:44:43	U	SMPL
Q1916-04 - 1	WC-12	-323	-0.0838	-	7470A	PPB	05 May 2025 11:47:00	U	SMPL
Q1917-04 - 1	MH-JJ	-66	-0.0289	-	7470A	PPB	05 May 2025 11:49:24	U	SMPL
Q1922-04 - 1	MH-R	-22	-0.0195	-	7470A	PPB	05 May 2025 11:51:41	U	SMPL
Q1922-08 - 1	MH-S	-10	-0.0169	-	7470A	PPB	05 May 2025 11:53:58	U	SMPL
Q1925-01 - 1	AUD-25-0068	76	0.0015	-	7470A	PPB	05 May 2025 11:56:14	U	SMPL
CCV72 - 1	CCV72	23957	5.1090	-	7470A	PPB	05 May 2025 11:58:29	U	SMPL
CCB72 - 1	CCB72	2	-0.0143	-	7470A	PPB	05 May 2025 12:03:22	U	SMPL
Q1925-02 - 1	AUD-25-0069	71	0.0004	-	7470A	PPB	05 May 2025 12:05:37	U	SMPL
Q1925-03 - 1	AUD-25-0070	48	-0.0045	-	7470A	PPB	05 May 2025 12:07:52	U	SMPL
Q1928-04 - 1	MH-Q	25	-0.0094	-	7470A	PPB	05 May 2025 12:10:08	U	SMPL
Q1929-03 - 1	WC-A4-02-C	12	-0.0122	-	7470A	PPB	05 May 2025 12:12:24	U	SMPL
Q1929-07 - 1	WC-A1-03-C	-11	-0.0171	-	7470A	PPB	05 May 2025 12:14:40	U	SMPL
Q1929-11 - 1	WC-A1-04-C	53	-0.0034	-	7470A	PPB	05 May 2025 12:16:56	U	SMPL
Q1932-02 - 1	COMP-4	53	-0.0034	-	7470A	PPB	05 May 2025 12:19:13	U	SMPL
Q1932-04 - 1	COMP-5	55	-0.0030	-	7470A	PPB	05 May 2025 12:21:30	U	SMPL
Q1932-06 - 1	COMP-6	65	-0.0009	-	7470A	PPB	05 May 2025 12:23:49	U	SMPL
Q1932-08 - 1	COMP-7	62	-0.0015	-	7470A	PPB	05 May 2025 12:26:06	U	SMPL
CCV73 - 1	CCV73	22286	4.7517	-	7470A	PPB	05 May 2025 12:28:22	U	SMPL
CCB73 - 1	CCB73	19	-0.0107	-	7470A	PPB	05 May 2025 12:38:42	U	SMPL
Q1935-04 - 1	MH-NN	52	-0.0036	-	7470A	PPB	05 May 2025 12:40:57	U	SMPL
Q1935-08 - 1	MH-MM	129	0.0128	-	7470A	PPB	05 May 2025 12:43:13	U	SMPL
Q1935-08DUP - 1	MH-MMDUP	87	0.0038	-	7470A	PPB	05 May 2025 12:45:29	U	SMPL
Q1935-08MS - 1	MH-MMMS	21031	4.4832	-	7470A	PPB	05 May 2025 12:47:45	U	SMPL
Q1935-08MSD - 1	MH-MMMSD	15092	3.2130	-	7470A	PPB	05 May 2025 12:50:01	U	SMPL
PB167866BL - 1	PBW	-373	-0.0945	-	7470A	PPB	05 May 2025 12:52:19	U	SMPL
PB167866BS - 1	LCSW	17471	3.7218	-	7470A	PPB	05 May 2025 12:54:37	U	SMPL
Q1944-02 - 1	CITY-WATER	-387	-0.0975	-	7470A	PPB	05 May 2025 12:56:54	U	SMPL
Q1944-03 - 1	CHILLER-WATER	239	0.0364	-	7470A	PPB	05 May 2025 12:59:13	U	SMPL
Q1945-01 - 1	GB1W	21242	4.5284	-	7470A	PPB	05 May 2025 13:01:29	U	SMPL
CCV74 - 1	CCV74	21313	4.5436	-	7470A	PPB	05 May 2025 13:03:44	U	SMPL
CCB74 - 1	CCB74	-319	-0.0830	-	7470A	PPB	05 May 2025 13:06:03	U	SMPL
Q1945-01DUP - 1	GB1WDUP	21192	4.5177	-	7470A	PPB	05 May 2025 13:17:16	U	SMPL
Q1945-01MS - 1	GB1WMS	30196	6.4434	-	7470A	PPB	05 May 2025 13:19:31	U	SMPL
Q1945-01MSD - 1	GB1WMSD	29844	6.3681	-	7470A	PPB	05 May 2025 13:21:50	U	SMPL
Q1956-07 - 1	FB-05022025	-607	-0.1446	-	7470A	PPB	05 May 2025 13:24:09	U	SMPL
PB167815TB - 1	PB167815TB	-41	-0.0235	-	7470A	PPB	05 May 2025 13:26:32	U	SMPL
Q1935-08LX5 - 1		7	-0.0133	-	7470A	PPB	05 May 2025 13:28:48	U	SMPL
Q1935-08A - 1		18282	3.8953	-	7470A	PPB	05 May 2025 13:31:05	U	SMPL
Q1945-01LX5 - 1		4179	0.8790	-	7470A	PPB	05 May 2025 13:36:48	U	SMPL
Q1945-01A - 1		38182	8.1514	-	7470A	PPB	05 May 2025 13:39:05	U	SMPL
CCV75 - 1	CCV75	25440	5.4262	-	7470A	PPB	05 May 2025 13:41:21	U	SMPL
CCB75 - 1	CCB75	79	0.0021	-	7470A	PPB	05 May 2025 13:43:41	U	SMPL
Q1913-01 - 1		-112	-0.0387	-	7470A	PPB	05 May 2025 13:45:59	U	SMPL
Q1913-03 - 1		-51	-0.0257	-	7470A	PPB	05 May 2025 13:48:15	U	SMPL
PB167774TB - 1	PB167774TB	-98	-0.0357	-	7470A	PPB	05 May 2025 13:50:30	U	SMPL
CCV76 - 1	CCV76	25307	5.3978	-	7470A	PPB	05 May 2025 13:52:46	U	SMPL
CCB76 - 1	CCB76	-171	-0.0513	-	7470A	PPB	05 May 2025 13:55:01	U	SMPL
CCB71 - 1	CCB71	0	-0.0148	-	7470A	PPB	05 May 2025 11:22:56	U	SMPL