

SOP ID : M7470A-Mercury-20

SDG No : N/A

Matrix : WATER

Pipette ID: HG A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #1

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

Start Digest Date: 11/11/2025 Time : 11:15 Temp : 95 °C

End Digest Date: 11/11/2025 Time : 13:15 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 95°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30MI	MP87923
CCV	30ml	MP87925
CRA	30mL	MP87927
Blank Spike	0.48mL	MP87916
Matrix Spike	0.48mL	MP87916

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP87633
KMnO4 (5%)	4.5mL	MP87634
K2S2O8 (5%)	2.4mL	MP87635
Hydroxylamine HCL (12%)	1.8mL	MP87636
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	30MI	MP87917
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30MI	MP87918
2.5 ppb	S2.5	30MI	MP87919
5.0 ppb	S5.0	30MI	MP87920
7.5 ppb	S7.5	30mL	MP87921
10.0 ppb	S10.0	30mL	MP87922
ICV	ICV	30MI	MP87923
ICB	ICB	30MI	MP87924
CCV	CCV	30MI	MP87925
CCB	CCB	30MI	MP87926
CRI	CRI	30mL	MP87927
CHK STD	CHK STD	30MI	MP87928

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
11/11/25 @ 13:40	MS - 5319 Lab	MS - Petal Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB170487BL	PBW487	30	30	<2	N/A	3-1
PB170487BS	LCS487	30	30	<2	MP87916	2
Q3584-04	EB-2	30	30	<2	N/A	3
Q3595-01	LAW-25-0176	30	30	<2	N/A	4
Q3595-01DUP	LAW-25-0176DUP	30	30	<2	N/A	5
Q3595-01MS	LAW-25-0176MS	30	30	<2	MP87916	6
Q3595-01MSD	LAW-25-0176MSD	30	30	<2	MP87916	7