

SOP ID : M245.1-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: 06/27/2025 Time : 12:10 Temp : 95 °C

End Digest Date: 06/27/2025 Time : 14:14 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 95°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86230
CCV	30mL	MP86232
CRA	30mL	MP86234
Blank Spike	0.48mL	MP86222
Matrix Spike	0.48mL	MP86222

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
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	MP86223
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP86225
2.5 ppb	S2.5	30mL	MP86226
5.0 ppb	S5.0	30mL	MP86227
7.5 ppb	S7.5	30mL	MP86228
10.0 ppb	S10.0	30mL	MP86229
ICV	ICV	30mL	MP86230
ICB	ICB	30mL	MP86231
CCV	CCV	30mL	MP86232
CCB	CCB	30mL	MP86233
CRI	CRI	30mL	MP86234
CHK STD	CHK STD	30mL	MP86235

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/22/25 14:46	<i>[Signature]</i> Prep. Lab	<i>[Signature]</i> Analysis Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168650BL	PBW650	30	30	<2	N/A	3-1
PB168650BS	LCS650	30	30	<2	MP86222	2
Q2126-10	LOD-MDL-WATER-04-QT2-2025	30	30	<2	N/A	3
Q2126-11	LOQ-WATER-05-QT2-2025	30	30	<2	N/A	4
Q2376-02	EFFLUENT-METALS	30	30	<2	N/A	5
Q2376-02MS	EFFLUENT-METALSMS	30	30	<2	MP86222	7
Q2376-02MSD	EFFLUENT-METALSMSD	30	30	<2	MP86222	8
Q2376-02DUP	EFFLUENT-METALSDUP	30	30	<2	N/A	6