

SOP ID : M7470A-Mercury-19, MSFAM01.1-Mercury in Water-2

SDG No : MBHCX5/MCOP11 **Start Digest Date:** 10/31/2024 **Time :** 11:05 **Temp :** 94 °C

Matrix : WATER **End Digest Date:** 10/31/2024 **Time :** 13:05 **Temp :** 95 °C

Pipette ID: HG A **Digestion tube ID:** M6054

Balance ID : N/A **Block thermometer ID:** HG-DIG#1

Filter paper ID : NA **Dig Technician Signature:** MB

pH Strip ID : M4909 **Supervisor Signature:** 12

Hood ID : #1 **Temp :** 1. 94°C 2. N/A

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

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	100mL	MP82988
CCV	100mL	MP82990
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	7.5mL	MP82651
KMnO4 (5%)	15.0mL	MP82652
K2S2O8 (5%)	8.0mL	MP82653
Hydroxylamine HCL (12%)	6.0mL	MP82654
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	100mL	MP82981
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	100mL	MP82983
2.5 ppb	S2.5	100mL	MP82984
5.0 ppb	S5.0	100mL	MP82985
7.5 ppb	S7.5	100mL	MP82986
10.0 ppb	S10.0	100mL	MP82987
ICV	ICV	100mL	MP82988
ICB	ICB	100mL	MP82989
CCV	CCV	100mL	MP82990
CCB	CCB	100mL	MP82991
CRI	CRI	N/A	N/A
CHK STD	CHK STD	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/31/24 @ 14:40	MB - Dig, Lab	MB - metal Lab
14:40	Preparation Group	Analysis Group

MB
10/31/24

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
P4496-01	MBHCX5	100	100	<2	N/A	2-1
P4496-02	MBHCY6	100	100	<2	N/A	2
P4496-03	MBHCY7	100	100	<2	N/A	3
P4584-01	MC0PI1	100	100	<2	N/A	4
P4584-02	MC0PI5	100	100	<2	N/A	5
PB164581BL	PBW581	100	100	<2	N/A	6