

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

SDG No : ME2993/MDCZM3

Start Digest Date: 02/19/2025 Time : 11:25 Temp : 94 °C

Matrix : WATER

End Digest Date: 02/19/2025 Time : 13:25 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:

pH Strip ID : M6069

Supervisor Signature:

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	MP84574
CCV	100mL	MP84576
Matrix Spike	0.40mL	MP84567
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	MP84563
KMnO4 (5%)	15.0mL	MP84564
K2S2O8 (5%)	8.0mL	MP84565
Hydroxylamine HCL (12%)	6.0mL	MP84566
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	MP84568
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	100mL	MP84569
2.5 ppb	S2.5	100mL	MP84570
5.0 ppb	S5.0	100mL	MP84571
7.5 ppb	S7.5	100mL	MP84572
10.0 ppb	S10.0	100mL	MP84573
ICV	ICV	100mL	MP84574
ICB	ICB	100mL	MP84575
CCV	CCV	100mL	MP84576
CCB	CCB	100mL	MP84577
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
2/19/25 @ 13:25	MS, MSF, Lab	MSF, MSF, Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB166782BL	PBW782	100	100	<2	N/A	1-1
Q1231-01	ME2993	100	100	<2	N/A	2
Q1231-02	ME2993D	100	100	<2	N/A	3
Q1231-03	ME2993S	100	100	<2	MP84567	4
Q1231-04	ME29C1	100	100	<2	N/A	5
Q1231-05	ME29C2	100	100	<2	N/A	6
Q1231-06	ME29C3	100	100	<2	N/A	7
Q1231-07	ME29C4	100	100	<2	N/A	8
Q1255-01	MDCZM3	100	100	<2	N/A	9
Q1255-02	MDCZP0	100	100	<2	N/A	10
Q1255-03	MDCZP1	100	100	<2	N/A	11
Q1255-04	MDCZP5	100	100	<2	N/A	12
Q1255-05	MDCZM4	100	100	<2	N/A	13
Q1255-06	MDCZN3	100	100	<2	N/A	14
Q1255-07	MDCZP2	100	100	<2	N/A	15
Q1255-08	MDCZN8	100	100	<2	N/A	16
Q1255-09	MDCZN8D	100	100	<2	N/A	17
Q1255-10	MDCZN8S	100	100	<2	MP84567	18
Q1255-11	MDCZL6	100	100	<2	N/A	19
Q1255-12	MDCZL9	100	100	<2	N/A	20
Q1255-13	MDCZN9	100	100	<2	N/A	21
Q1255-14	MDCZN2	100	100	<2	N/A	22
Q1255-15	MDCZN7	100	100	<2	N/A	23
Q1255-16	MDCZP4	100	100	<2	N/A	24