

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

SDG No : YE8F8/ME2931

Start Digest Date: 02/06/2025 **Time :** 15:50 **Temp :** 94 °C

Matrix : WATER

End Digest Date: 02/06/2025 **Time :** 17:50 **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	MP84371
CCV	100mL	MP84373
Matrix Spike	0.40mL	MP84364
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	MP83691
KMnO4 (5%)	15.0mL	MP83692
K2S2O8 (5%)	8.0mL	MP83693
Hydroxylamine HCL (12%)	6.0mL	MP83694
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	MP84365
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	100mL	MP84366
2.5 ppb	S2.5	100mL	MP84367
5.0 ppb	S5.0	100mL	MP84368
7.5 ppb	S7.5	100mL	MP84369
10.0 ppb	S10.0	100mL	MP84370
ICV	ICV	100mL	MP84371
ICB	ICB	100mL	MP84372
CCV	CCV	100mL	MP84373
CCB	CCB	100mL	MP84374
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
2/06/25 @ 18:25	MS-1314- Lab	MS-1314- Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB166616BL	PBW616	100	100	<2	N/A	1-1
Q1135-09	YE8H7	100	100	<2	N/A	2
Q1176-01	ME2931	100	100	<2	N/A	3
Q1176-02	ME2933	100	100	<2	N/A	4
Q1176-03	ME2937	100	100	<2	N/A	5
Q1176-04	ME2945	100	100	<2	N/A	6
Q1176-05	ME2942	100	100	<2	N/A	7
Q1176-06	ME2943	100	100	<2	N/A	8
Q1176-07	ME2940	100	100	<2	N/A	9
Q1176-08	ME2941	100	100	<2	N/A	10
Q1176-09	ME2944	100	100	<2	N/A	11
Q1176-10	ME2944D	100	100	<2	N/A	12
Q1176-11	ME2944S	100	100	<2	MP84364	13
Q1176-12	ME2938	100	100	<2	N/A	14
Q1176-13	ME2939	100	100	<2	N/A	15
Q1176-14	ME2932	100	100	<2	N/A	16
Q1176-15	ME2936	100	100	<2	N/A	17
Q1176-16	ME2934	100	100	<2	N/A	18
Q1176-17	ME2935	100	100	<2	N/A	19
Q1176-18	ME2950	100	100	<2	N/A	20
Q1176-19	ME2951	100	100	<2	N/A	21
Q1176-20	ME2953	100	100	<2	N/A	22
Q1176-21	ME2954	100	100	<2	N/A	23