

SOP ID : M7470A-Mercury-19, MSFAM01.1-Mercury in Water-2
SDG No : ME2964/A6301 **Start Digest Date:** 02/18/2025 **Time :** 10:40 **Temp :** 94 °C
Matrix : WATER **End Digest Date:** 02/18/2025 **Time :** 12:40 **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 : M6069 **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	MP84554
CCV	100mL	MP84556
Matrix Spike	0.40mL	MP84547
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	MP84548
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	100mL	MP84549
2.5 ppb	S2.5	100mL	MP84550
5.0 ppb	S5.0	100mL	MP84551
7.5 ppb	S7.5	100mL	MP84552
10.0 ppb	S10.0	100mL	MP84553
ICV	ICV	100mL	MP84554
ICB	ICB	100mL	MP84555
CCV	CCV	100mL	MP84556
CCB	CCB	100mL	MP84557
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
2/18/25 13:05	<i>MB - metal lab</i>	<i>MB - metal lab</i>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB166766BL	PBW766	100	100	<2	N/A	1-1
Q1200-01	ME2964	100	100	<2	N/A	2
Q1200-02	ME2964D	100	100	<2	N/A	3
Q1200-03	ME2964S	100	100	<2	N/A	4
Q1200-04	ME2981	100	100	<2	N/A	5
Q1200-05	ME2982	100	100	<2	N/A	6
Q1200-06	ME2983	100	100	<2	N/A	7
Q1200-07	ME2984	100	100	<2	N/A	8
Q1200-08	ME2985	100	100	<2	N/A	9
Q1200-09	ME2986	100	100	<2	N/A	10
Q1200-10	ME2987	100	100	<2	N/A	11
Q1200-11	ME2988	100	100	<2	N/A	12
Q1200-12	ME2992	100	100	<2	N/A	13
Q1200-13	ME2994	100	100	<2	N/A	14
Q1200-14	ME2995	100	100	<2	N/A	15
Q1200-15	ME2999	100	100	<2	N/A	16
Q1200-16	ME2997	100	100	<2	N/A	17
Q1200-17	ME2998	100	100	<2	N/A	18
Q1200-18	ME29A0	100	100	<2	N/A	19
Q1200-19	ME29A1	100	100	<2	N/A	20
Q1200-20	ME29A2	100	100	<2	N/A	21
Q1200-21	ME29A3	100	100	<2	N/A	22
Q1223-17	A6310	100	100	<2	N/A	23