

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#1 2. N/A

Start Digest Date: 08/12/2025 Time : 13:50 Temp : 95 °C

End Digest Date: 08/12/2025 Time : 15:55 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#1

Dig Technician Signature: *S. H.*

Supervisor Signature: *[Signature]*

Temp : 1. 95°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP86729
CCV	30mL	MP86731
CRA	30mL	MP86733
Blank Spike	0.48mL	MP86722
Matrix Spike	0.48mL	MP86722

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	MP86723
0.05 ppb	S0.05	30mL	MP86738
0.2 ppb	S0.2	30mL	MP86724
2.5 ppb	S2.5	30mL	MP86725
5.0 ppb	S5.0	30mL	MP86726
7.5 ppb	S7.5	30mL	MP86727
10.0 ppb	S10.0	30mL	MP86728
ICV	ICV	30mL	MP86729
ICB	ICB	30mL	MP86730
CCV	CCV	30mL	MP86731
CCB	CCB	30mL	MP86732
CRI	CRI	30mL	MP86733
CHK STD	CHK STD	30mL	MP86734

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
08/12/25 16:00	<i>S. H. mcd dig</i>	<i>[Signature]</i>
16:00	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB169219BL	PBW219	30	30	<2	N/A	1-1
PB169219BS	LCS219	30	30	<2	MP86722	2
Q2785-01MS	WATERMS	30	30	<2	MP86722	5
Q2785-01MSD	WATERMSD	30	30	<2	MP86722	6
Q2785-01DUP	WATERDUP	30	30	<2	N/A	4
Q2785-01	WATER	30	30	<2	N/A	3
Q2789-02	COMP	30	30	<2	N/A	7
Q2799-01	CC-071325-RW	30	30	<2	N/A	8