

SOP ID : M7471B-Mercury-19

SDG No : N/A

Start Digest Date: 09/16/2025 Time : 10:45 Temp : 96 °C

Matrix : SOIL

End Digest Date: 09/16/2025 Time : 11:10 Temp : 96 °C

Pipette ID: HG A

Digestion tube ID: M5595

Balance ID : M SC-3

Block thermometer ID: MET-DIG. #1

Filter paper ID : N/A

Dig Technician Signature: [Signature]

pH Strip ID : N/A

Supervisor Signature: [Signature]

Hood ID : #1

Temp : 1. 96°C 2. N/A

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

Standard Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP87225
CCV	30mL	MP87227
CRA	30mL	MP87229
Blank Spike	0.48mL	MP87217
Matrix Spike	0.48mL	MP87217

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	1.5mL	MP87231
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	2.0mL	MP85895
PTFE Boiling Stones	N/A	M5582
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	30MI	MP87218
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30MI	MP87219
2.5 ppb	S2.5	30MI	MP87220
5.0 ppb	S5.0	30MI	MP87221
7.5 ppb	S7.5	30MI	MP87223
10.0 ppb	S10.0	30MI	MP87224
ICV	ICV	30MI	MP87225
ICB	ICB	30MI	MP87226
CCV	CCV	30MI	MP87227
CCB	CCB	30MI	MP87228
CRI	CRI	30MI	MP87229
CHK STD	CHK STD	30MI	MP87230

Extraction Conformance/Non-Conformance Comments:

N/A		
Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/16/25 @ 11:30	[Signature] - M.D. Lab	[Signature] - M.D. Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB169707BL	PBS707	0.50	35	N/A	N/A	3-1
PB169707BS	LCS707	0.50	35	N/A	MP87217	2
Q3101-01	LOT#S:091/15	0.58	35	N/A	N/A	3
Q3104-01	SU-04-091525	0.55	35	N/A	N/A	4
Q3104-01MS	SU-04-091525MS	0.59	35	N/A	MP87217	6
Q3104-01MSD	SU-04-091525MSD	0.54	35	N/A	MP87217	7
Q3104-01DUP	SU-04-091525DUP	0.56	35	N/A	N/A	5
Q3105-01	FREEZE-PIT-SAMPLES	0.56	35	N/A	N/A	8
Q3106-01	NB-07-09152025	0.57	35	N/A	N/A	9
Q3106-03	NB-08-09152025	0.56	35	N/A	N/A	10