

SOP ID : M7471B-Mercury-18, MSFAM01.1-Mercury in Soil-2

SDG No : YE8G3

Matrix : SOIL

Pipette ID: HG A

Balance ID : M SC-3

Filter paper ID : NA

pH Strip ID : NA

Hood ID : #1

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

Start Digest Date: 02/05/2025 Time : 09:05 Temp : 93 °C

End Digest Date: 02/05/2025 Time : 09:35 Temp : 94 °C

Digestion tube ID: M6054

Block thermometer ID: HG-DIG#2

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 93°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
ICV	100mL	MP84352
CCV	100mL	MP84354
Matrix Spike	1.0mL	MP84345
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
AQUA REGIA	5.0mL	MP84358
KMnO4 (5%)	15.0mL	MP83692
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
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	MP84346
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	100mL	MP84347
2.5 ppb	S2.5	100mL	MP84348
5.0 ppb	S5.0	100mL	MP84349
7.5 ppb	S7.5	100mL	MP84350
10.0 ppb	S10.0	100mL	MP84351
ICV	ICV	100mL	MP84352
ICB	ICB	100mL	MP84353
CCV	CCV	100mL	MP84354
CCB	CCB	100mL	MP84355
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
2/5/25 @ 10:15	MB - JRG - Lab	MB - JRG - Lab
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Comment	Prep Pos
PB166578BL	PBS578	0.50	100	NA	N/A	2-1
Q1105-01	YE8G3	0.53	100	NA	N/A	2
Q1105-02	YE8G5	0.54	100	NA	N/A	3
Q1105-03	YE8G6	0.57	100	NA	N/A	4
Q1105-04	YE8G6D	0.52	100	NA	N/A	5
Q1105-05	YE8G6S	0.55	100	NA	MP84345	6
Q1105-06	YE8H0	0.51	100	NA	N/A	7
Q1105-07	YE8H1	0.57	100	NA	N/A	8
Q1105-08	YE8H2	0.54	100	NA	N/A	9
Q1105-09	YE8H3	0.54	100	NA	N/A	10
Q1105-10	YE8H4	0.59	100	NA	N/A	11
Q1105-11	YE8H5	0.58	100	NA	N/A	12
Q1105-12	YE8H6	0.55	100	NA	N/A	13
Q1105-13	YE8E9	0.50	100	NA	N/A	14
Q1105-14	YE8F0	0.51	100	NA	N/A	15
Q1105-15	YE8F1	0.58	100	NA	N/A	16
Q1105-16	YE8F2	0.52	100	NA	N/A	17
Q1105-17	YE8F3	0.52	100	NA	N/A	18
Q1105-18	YE8F4	0.56	100	NA	N/A	19
Q1105-19	YE8F6	0.59	100	NA	N/A	20
Q1105-20	YE8G0	0.58	100	NA	N/A	21
Q1105-21	YE8G1	0.58	100	NA	N/A	22
Q1105-22	YE8G2	0.52	100	NA	N/A	23