

SOP ID : M3050B-Digestion-20, MSFAM01.1-Trace Metals-2

SDG No : ~~YE8F5~~ YE8F8 ⁵³ 2/11/25

Matrix : SOIL

Pipette ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

Block ID: 1. HOT BLOCK #5 2. N/A

Start Digest Date: 01/23/2025 Time : 12:20 Temp : 96 °C

End Digest Date: 01/23/2025 Time : 14:25 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: Slas

Supervisor Signature: [Signature]

Temp : 1. 96°C 2. N/A

Standardized Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP84063
Spike Sol 6	1.00	MP84070
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP84041
Conc. HNO3	5.00	M6126
30% H2O2	3.00	M6125
Conc. HCL	10.00	M6121
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

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #5 CELL #35 : 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/23/25 15:25	<u>6120. mzt digestion</u>	<u>[Signature] (metal lab)</u>
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
PB166196BL	PBS196	N/A	1.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB166196BS	LCS196	N/A	1.00	100	Colorless	Colorless	Fine	N/A	MP84063	2
Q1135-01	YE8F5	N/A	1.30	100	Gray	Yellow	Medium	N/A	N/A	3
Q1135-02	YE8F7	N/A	1.17	100	Brown	Yellow	Medium	N/A	N/A	4
Q1135-03	YE8F7D	N/A	1.34	100	Brown	Yellow	Medium	N/A	N/A	5
Q1135-04	YE8F7S	N/A	1.12	100	Brown	Yellow	Medium	N/A	MP84070	6
Q1135-05	YE8F8	N/A	1.20	100	Brown	Yellow	Medium	N/A	N/A	7
Q1135-06	YE8F9	N/A	1.22	100	Brown	Yellow	Medium	N/A	N/A	8
Q1135-07	YE8H9	N/A	1.24	100	Brown	Yellow	Medium	N/A	N/A	9
Q1135-08	YE8J0	N/A	1.47	100	Brown	Yellow	Medium	N/A	N/A	10
Q1135-10	YE8J1	N/A	1.29	100	Gray	Yellow	Medium	N/A	N/A	11
Q1135-11	YE8E3	N/A	1.21	100	Brown	Yellow	Medium	N/A	N/A	12
Q1135-12	YE8E4	N/A	1.24	100	Brown	Yellow	Medium	N/A	N/A	13
Q1135-13	YE8E5	N/A	1.15	100	Brown	Yellow	Medium	N/A	N/A	14
Q1135-14	YE8E6	N/A	1.24	100	Black	Yellow	Medium	N/A	N/A	15
Q1135-15	YE8E7	N/A	1.26	100	Black	Yellow	Medium	N/A	N/A	16
Q1135-16	YE8E8	N/A	1.16	100	Black	Yellow	Medium	N/A	N/A	17
Q1135-17	YE8D2	N/A	1.13	100	Gray	Yellow	Medium	N/A	N/A	18
Q1135-18	YE8D4	N/A	1.26	100	Brown	Yellow	Medium	N/A	N/A	19
Q1135-19	YE8C3	N/A	1.26	100	Brown	Yellow	Medium	N/A	N/A	20
Q1135-21	YE8D0	N/A	1.26	100	Brown	Yellow	Medium	N/A	N/A	21
Q1135-22	YE8D5	N/A	1.36	100	White	Yellow	Medium	N/A	N/A	22