

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

SDG No : MBHCN1 **Start Digest Date:** 10/30/2024 **Time :** 15:05 **Temp :** 95 °C

Matrix : SOIL **End Digest Date:** 10/30/2024 **Time :** 17:15 **Temp :** 95 °C

Pipette ID: ICP A **Digestion tube ID:** M6054

Balance ID : M SC-2 **Block thermometer ID:** MET-DIG. #3

Filter paper ID : N/A **Dig Technician Signature:** *JEP*

pH Strip ID : N/A **Supervisor Signature:** *SO*

Hood ID : #3 **Temp :** 1. 95°C 2. N/A

Block ID: 1. HOT BLOCK #3 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP82711
Spike Sol 6	1.00	MP82731
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	MP81119
Conc. HNO3	5.00	M6105
30% H2O2	3.00	M5634
Conc. HCL	10.00	M6040
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 #3 CELL #34 : 95C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/30/24 18:00	<i>JEP / Met dig</i>	<i>SO / Met dig</i>
	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
P4500-01	MBHCN1	N/A	1.34	100	Brown	Yellow	Medium	N/A	N/A	1
P4500-02	MBHCN2	N/A	1.47	100	Brown	Yellow	Medium	N/A	N/A	2
P4500-03	MBHCN3	N/A	1.42	100	Brown	Yellow	Medium	N/A	N/A	3
P4500-04	MBHCN4	N/A	1.48	100	Brown	Yellow	Medium	N/A	N/A	4
P4500-05	MBHCN5	N/A	1.36	100	Brown	Yellow	Medium	N/A	N/A	5
P4500-06	MBHCN6	N/A	1.38	100	Brown	Yellow	Medium	N/A	N/A	6
P4500-07	MBHCN7	N/A	1.25	100	Black	Yellow	Medium	N/A	N/A	7
P4500-08	MBHCN8	N/A	1.34	100	Brown	Yellow	Medium	N/A	N/A	8
P4500-09	MBHCN9	N/A	1.39	100	Brown	Yellow	Medium	N/A	N/A	9
P4500-10	MBHCP0	N/A	1.30	100	Brown	Yellow	Medium	N/A	N/A	10
P4500-11	MBHCP0D	N/A	1.42	100	Brown	Yellow	Medium	N/A	N/A	11
P4500-12	MBHCP0S	N/A	1.15	100	Brown	Yellow	Medium	N/A	MP82731	12
P4500-13	MBHCP1	N/A	1.29	100	Brown	Yellow	Medium	N/A	N/A	13
P4500-14	MBHCP2	N/A	1.12	100	Brown	Yellow	Medium	N/A	N/A	14
P4500-15	MBHCP3	N/A	1.33	100	Brown	Yellow	Medium	N/A	N/A	15
P4500-16	MBHCP4	N/A	1.42	100	Brown	Yellow	Medium	N/A	N/A	16
P4500-17	MBHCP5	N/A	1.25	100	Brown	Yellow	Medium	N/A	N/A	17
P4500-18	MBHCP6	N/A	1.21	100	Brown	Yellow	Medium	N/A	N/A	18
P4500-19	MBHCP7	N/A	1.29	100	Black	Yellow	Medium	N/A	N/A	19
P4500-20	MBHCX2	N/A	1.16	100	Brown	Yellow	Medium	N/A	N/A	20
P4500-21	MBHCX3	N/A	1.12	100	Brown	Yellow	Medium	N/A	N/A	21
P4500-22	MBHCZ6	N/A	1.20	100	Brown	Yellow	Medium	N/A	N/A	22
PB164543BL	PBS543	N/A	1.00	100	Colorless	Colorless	Fine	N/A	N/A	23
PB164543BS	LCS543	N/A	1.00	100	Colorless	Colorless	Fine	N/A	MP82711	24