

SOP ID : M3050B-Digestion-20, MSFAM01.1-Trace Metals-2
SDG No : YE8G3 **Start Digest Date:** 01/21/2025 **Time :** 10:45 **Temp :** 96 °C
Matrix : SOIL **End Digest Date:** 01/21/2025 **Time :** 12:45 **Temp :** 96 °C
Pipette ID: ICP A **Digestion tube ID:** M6054
Balance ID : M SC-2 **Block thermometer ID:** MET-DIG. #5
Filter paper ID : N/A **Dig Technician Signature:** *SKS*
pH Strip ID : N/A **Supervisor Signature:** *JP*
Hood ID : #3 **Temp :** 1. 96°C 2. N/A
Block ID: 1. HOT BLOCK #5 2. N/A

Standard 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
01/21/25 13:45	SKS. met digestion	JP / Met Dig
	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
PB166155BL	PBS155	N/A	1.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB166155BS	LCS155	N/A	1.00	100	Colorless	Colorless	Fine	N/A	MP84063	2
Q1105-01	YE8G3	N/A	1.15	100	Gray	Yellow	Medium	N/A	N/A	3
Q1105-02	YE8G5	N/A	1.14	100	Gray	Yellow	Medium	N/A	N/A	4
Q1105-03	YE8G6	N/A	1.41	100	Gray	Yellow	Medium	N/A	N/A	5
Q1105-04	YE8G6D	N/A	1.19	100	Gray	Yellow	Medium	N/A	N/A	6
Q1105-05	YE8G6S	N/A	1.08	100	Gray	Yellow	Medium	N/A	MP84070	7
Q1105-06	YE8H0	N/A	1.30	100	Gray	Yellow	Medium	N/A	N/A	8
Q1105-07	YE8H1	N/A	1.18	100	Gray	Yellow	Medium	N/A	N/A	9
Q1105-08	YE8H2	N/A	1.07	100	Black	Yellow	Medium	N/A	N/A	10
Q1105-09	YE8H3	N/A	1.46	100	Brown	Yellow	Medium	N/A	N/A	11
Q1105-10	YE8H4	N/A	1.19	100	Gray	Yellow	Medium	N/A	N/A	12
Q1105-11	YE8H5	N/A	1.19	100	Brown	Yellow	Medium	N/A	N/A	13
Q1105-12	YE8H6	N/A	1.26	100	Gray	Yellow	Medium	N/A	N/A	14
Q1105-13	YE8E9	N/A	1.30	100	Gray	Yellow	Medium	N/A	N/A	15
Q1105-14	YE8F0	N/A	1.22	100	Gray	Yellow	Medium	N/A	N/A	16
Q1105-15	YE8F1	N/A	1.22	100	Brown	Yellow	Medium	N/A	N/A	17
Q1105-16	YE8F2	N/A	1.16	100	Brown	Yellow	Medium	N/A	N/A	18
Q1105-17	YE8F3	N/A	1.40	100	Gray	Yellow	Medium	N/A	N/A	19
Q1105-18	YE8F4	N/A	1.36	100	Brown	Yellow	Medium	N/A	N/A	20
Q1105-19	YE8F6	N/A	1.46	100	Gray	Yellow	Medium	N/A	N/A	21
Q1105-20	YE8G0	N/A	1.12	100	Gray	Yellow	Medium	N/A	N/A	22
Q1105-21	YE8G1	N/A	1.33	100	Gray	Yellow	Medium	N/A	N/A	23
Q1105-22	YE8G2	N/A	1.36	100	Gray	Yellow	Medium	N/A	N/A	24