

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

SDG No : GCPX8

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: 01/10/2025 **Time :** 10:40 **Temp :** 96 °C

End Digest Date: 01/10/2025 **Time :** 12:45 **Temp :** 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: *SLR*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP83506
Spike Sol 6	1.00	MP83512
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	MP83498
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
01/10/25 13:45	<i>SLR met digestion</i>	<i>R. M. [Signature]</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
PB166017BL	PBS017	N/A	1.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB166017BS	LCS017	N/A	1.00	100	Colorless	Colorless	Fine	N/A	MP83506	2
Q1044-01	GCPX8	N/A	1.26	100	Brown	Yellow	Medium	N/A	N/A	3
Q1044-02	GCPX9	N/A	1.25	100	Brown	Yellow	Medium	N/A	N/A	4
Q1044-03	GCPX9D	N/A	1.26	100	Brown	Yellow	Medium	N/A	N/A	5
Q1044-04	GCPX9S	N/A	1.12	100	Brown	Yellow	Medium	N/A	MP83512	6
Q1044-05	GCPY0	N/A	1.35	100	Brown	Yellow	Medium	N/A	N/A	7
Q1044-06	GCPY1	N/A	1.17	100	Brown	Yellow	Medium	N/A	N/A	8
Q1044-07	GCPY2	N/A	1.37	100	Brown	Yellow	Medium	N/A	N/A	9
Q1044-08	GCPY3	N/A	1.13	100	Brown	Yellow	Medium	N/A	N/A	10
Q1044-09	GCPY4	N/A	1.15	100	Brown	Yellow	Medium	N/A	N/A	11
Q1044-10	GCPY5	N/A	1.21	100	Brown	Yellow	Medium	N/A	N/A	12
Q1044-11	GCPY6	N/A	1.24	100	Brown	Yellow	Medium	N/A	N/A	13
Q1044-12	GCPY7	N/A	1.37	100	Brown	Yellow	Medium	N/A	N/A	14
Q1044-13	GCPY8	N/A	1.08	100	Brown	Yellow	Medium	N/A	N/A	15
Q1044-14	GCPY9	N/A	1.13	100	Brown	Yellow	Medium	N/A	N/A	16
Q1044-15	GCPZ0	N/A	1.10	100	Brown	Yellow	Medium	N/A	N/A	17
Q1044-16	GCPZ1	N/A	1.22	100	Brown	Yellow	Medium	N/A	N/A	18
Q1044-17	GCPZ2	N/A	1.25	100	Brown	Yellow	Medium	N/A	N/A	19
Q1044-18	GCPZ3	N/A	1.13	100	Brown	Yellow	Medium	N/A	N/A	20
Q1044-19	GCPZ4	N/A	1.20	100	Brown	Yellow	Medium	N/A	N/A	21
Q1044-20	GCPZ5	N/A	1.27	100	Brown	Yellow	Medium	N/A	N/A	22
Q1044-21	GCPZ6	N/A	1.29	100	Brown	Yellow	Medium	N/A	N/A	23
Q1044-22	GCPZ7	N/A	1.38	100	Brown	Yellow	Medium	N/A	N/A	24