

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

SDG No : GCQ18

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 #3 2. N/A

Start Digest Date: 01/10/2025 Time : 13:05 Temp : 96 °C

End Digest Date: 01/10/2025 Time : 15:10 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: SKG.

Supervisor Signature: MS

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 #3 CELL #35 : 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/10/25 16:10	SKG. met digestion	MS (Metals Lab)
	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
PB166022BL	PBS022	N/A	1.00	100	Colorless	Colorless	Fine	N/A	N/A	1
PB166022BS	LCS022	N/A	1.00	100	Colorless	Colorless	Fine	N/A	MP83506	2
Q1046-01	GCQ18	N/A	1.17	100	Brown	Yellow	Medium	N/A	N/A	3
Q1046-02	GCQ19	N/A	1.38	100	Brown	Yellow	Medium	N/A	N/A	4
Q1046-03	GCQ19D	N/A	1.16	100	Brown	Yellow	Medium	N/A	N/A	5
Q1046-04	GCQ19S	N/A	1.15	100	Brown	Yellow	Medium	N/A	MP83512	6
Q1046-05	GCQ20	N/A	1.26	100	Brown	Yellow	Medium	N/A	N/A	7
Q1046-06	GCQ21	N/A	1.18	100	Brown	Yellow	Medium	N/A	N/A	8
Q1046-07	GCQ22	N/A	1.20	100	Brown	Yellow	Medium	N/A	N/A	9
Q1046-08	GCQ23	N/A	1.22	100	Brown	Yellow	Medium	N/A	N/A	10
Q1046-09	GCQ24	N/A	1.10	100	Brown	Yellow	Medium	N/A	N/A	11
Q1046-10	GCQ25	N/A	1.35	100	Brown	Yellow	Medium	N/A	N/A	12
Q1046-11	GCQ26	N/A	1.37	100	Brown	Yellow	Medium	N/A	N/A	13
Q1046-12	GCQ27	N/A	1.16	100	Brown	Yellow	Medium	N/A	N/A	14
Q1046-13	GCQ28	N/A	1.38	100	White	Yellow	Medium	N/A	N/A	15
Q1046-14	GCQ29	N/A	1.07	100	Brown	Yellow	Medium	N/A	N/A	16
Q1046-15	GCQ30	N/A	1.22	100	Brown	Yellow	Medium	N/A	N/A	17
Q1046-16	GCQ31	N/A	1.40	100	Brown	Yellow	Medium	N/A	N/A	18
Q1046-17	GCQ32	N/A	1.10	100	Brown	Yellow	Medium	N/A	N/A	19
Q1046-18	GCQ33	N/A	1.22	100	Brown	Yellow	Medium	N/A	N/A	20
Q1046-19	GCQ34	N/A	1.21	100	Brown	Yellow	Medium	N/A	N/A	21
Q1046-20	GCQ35	N/A	1.22	100	Brown	Yellow	Medium	N/A	N/A	22
Q1046-21	GCQ36	N/A	1.22	100	White	Yellow	Medium	N/A	N/A	23
Q1046-22	GCQ37	N/A	1.11	100	White	Yellow	Medium	N/A	N/A	24