

SOP ID : M3050B-Digestion-20

SDG No : N/A

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 #2 2. N/A

Start Digest Date: 09/10/2025 Time : 14:10 Temp : 96 °C

End Digest Date: 09/10/2025 Time : 16:15 Temp : 96 °C

Digestion tube ID: M6054 15:10 SJ  
09/16/2025

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LFS-1         | 1.00     | M6180               |
| LFS-2         | 1.00     | M6181               |
| 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 |
|---------------------|----------------|------------|
| Conc. HNO3          | 5.00           | M6158      |
| 1:1 HNO3            | 10.00          | MP86978    |
| 30% H2O2            | 3.00           | M6170      |
| Conc. HCL           | 10.00          | M6151      |
| PTFE Boiling Stones | N/A            | M5581      |
| 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#2 CELL#50 96C

| Date / Time    | Prepped Sample Relinquished By/Location         | Received By/Location                 |
|----------------|-------------------------------------------------|--------------------------------------|
| 09/10/25 15:15 | <i>[Signature]</i> met dig<br>Preparation Group | <i>[Signature]</i><br>Analysis Group |

| Lab Sample ID | Client Sample ID | pH  | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment     | Prep Pos |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|-------------|----------|
| PB169634BL    | PBS634           | N/A | 2.00               | 100            | Colorless    | Colorless   | Fine    | No       | N/A         | 1        |
| PB169634BS    | LCS634           | N/A | 2.00               | 100            | Colorless    | Colorless   | Fine    | No       | M6180,M6181 | 2        |
| Q3054-01      | MH-385           | N/A | 2.18               | 100            | Brown        | Yellow      | Medium  | No       | N/A         | 3        |
| Q3054-05      | MH-384           | N/A | 2.30               | 100            | Brown        | Yellow      | Medium  | No       | N/A         | 4        |
| Q3054-05MS    | MH-384MS         | N/A | 2.23               | 100            | Brown        | Yellow      | Medium  | No       | M6180,M6181 | 6        |
| Q3054-05MSD   | MH-384MSD        | N/A | 2.18               | 100            | Brown        | Yellow      | Medium  | No       | M6180,M6181 | 7        |
| Q3054-05DUP   | MH-384DUP        | N/A | 2.21               | 100            | Brown        | Yellow      | Medium  | No       | N/A         | 5        |
| Q3055-01      | OR-03-090925     | N/A | 2.22               | 100            | Brown        | Yellow      | Medium  | No       | N/A         | 8        |
| Q3056-01      | OK-02-090925     | N/A | 2.18               | 100            | Brown        | Yellow      | Medium  | No       | N/A         | 9        |
| Q3059-01      | TR-06-09092025   | N/A | 2.40               | 100            | Brown        | Yellow      | Medium  | No       | N/A         | 10       |
| Q3068-01      | AMBRIC-TECH-9-9  | N/A | 2.14               | 100            | Brown        | Yellow      | Medium  | No       | N/A         | 11       |