

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 #5 2. N/A

Start Digest Date: 03/07/2025 Time : 09:20 Temp : 96 °C

End Digest Date: 03/07/2025 Time : 11:30 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: *JGP*

Supervisor Signature: *[Signature]*

Temp : 1. 96°C 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| LFS-1             | 1.00     | M6003               |
| LFS-2             | 1.00     | M6011               |
| 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          | M6151      |
| PTFE Boiling Stones | N/A            | M5585      |
| 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 Temp :96 C

| Date / Time  | Prepped Sample Relinquished By/Location | Received By/Location |
|--------------|-----------------------------------------|----------------------|
| 3/7/25 12:00 | <i>JGP / Met Dig.</i>                   | <i>[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 |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|-------------|----------|
| PB167024BL    | PBS024           | N/A | 2.31               | 100            | Colorless    | Colorless   | Fine    | N/A      | N/A         | 1        |
| PB167024BS    | LCS024           | N/A | 2.31               | 100            | Colorless    | Colorless   | Fine    | N/A      | M6003,M6011 | 2        |
| Q1507-01      | 50-MIDDLESEX-AVE | N/A | 2.37               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 3        |
| Q1508-01      | RBR251372        | N/A | 2.26               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 4        |
| Q1514-01      | ENV-105-SB01     | N/A | 2.41               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 5        |
| Q1514-03      | ENV-105-SB02     | N/A | 2.32               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 6        |
| Q1514-05      | ENV-103-SB01     | N/A | 2.29               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 7        |
| Q1515-01      | AU-06-030625     | N/A | 2.26               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 8        |
| Q1515-01MS    | AU-06-030625MS   | N/A | 2.25               | 100            | Brown        | Yellow      | Medium  | N/A      | M6003,M6011 | 10       |
| Q1515-01MSD   | AU-06-030625MSD  | N/A | 2.36               | 100            | Brown        | Yellow      | Medium  | N/A      | M6003,M6011 | 11       |
| Q1515-01DUP   | AU-06-030625DUP  | N/A | 2.37               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 9        |