

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: 11/08/2024 Time : 13:00 Temp : 96 °C

End Digest Date: 11/08/2024 Time : 15:10 Temp : 96 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: JSP

Supervisor Signature: [Signature]

Temp : 1. 96°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LFS-1         | 1.00     | M6000               |
| LFS-2         | 1.00     | M6009               |
| 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          | MP83122    |
| Conc. HNO3    | 5.00           | M6117      |
| 30% H2O2      | 3.00           | M5634      |
| Conc. HNO3    | 10.00          | MP83105    |
| 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 #2 CELL #34: 96 C

| Date / Time   | Prepped Sample Relinquished By/Location | Received By/Location  |
|---------------|-----------------------------------------|-----------------------|
| 11/8/24 15:10 | JSP / Met dig                           | [Signature] (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 |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|-------------|----------|
| P4756-01      | BP-B4            | N/A | 2.17               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 1        |
| P4768-01      | B-3-1            | N/A | 2.19               | 100            | Green        | Yellow      | Medium  | N/A      | N/A         | 2        |
| P4768-02      | B-3-2            | N/A | 2.20               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 3        |
| P4768-02DUP   | B-3-2DUP         | N/A | 2.27               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 4        |
| P4768-02MS    | B-3-2MS          | N/A | 2.18               | 100            | Brown        | Yellow      | Medium  | N/A      | M6000,M6009 | 5        |
| P4768-02MSD   | B-3-2MSD         | N/A | 2.21               | 100            | Brown        | Yellow      | Medium  | N/A      | M6000,M6009 | 6        |
| P4768-03      | B-3-3            | N/A | 2.17               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 7        |
| P4768-04      | B-4              | N/A | 2.41               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 8        |
| P4768-05      | B-5              | N/A | 2.45               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A         | 9        |
| P4768-06      | B-6-2            | N/A | 2.15               | 100            | Green        | Dark Grey   | Medium  | N/A      | N/A         | 10       |
| P4768-07      | B-6-3            | N/A | 2.33               | 100            | Brown        | Dark Grey   | Medium  | N/A      | N/A         | 11       |
| P4771-05      | P-1              | N/A | 2.36               | 100            | Light Brown  | Yellow      | Medium  | N/A      | N/A         | 12       |
| P4771-07      | P-2              | N/A | 2.16               | 100            | Light Brown  | Yellow      | Medium  | N/A      | N/A         | 13       |
| PB164797BL    | PBS797           | N/A | 2.19               | 100            | Colorless    | Colorless   | Fine    | N/A      | N/A         | 14       |
| PB164797BS    | LCS797           | N/A | 2.19               | 100            | Colorless    | Colorless   | Fine    | N/A      | M6000,M6009 | 15       |