

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pipette ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 11/27/2024 Time : 08:40 Temp : 95 °C

End Digest Date: 11/27/2024 Time : 11:50 Temp : 95 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *[Signature]*

Supervisor Signature: *[Signature]*

Temp : 1. 95°C 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| LFS-1             | 0.25     | M6000               |
| LFS-2             | 0.25     | 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 |
|---------------|----------------|------------|
| Conc. HNO3    | 3.00           | M6124      |
| 1:1 HCL       | 5.00           | 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        |
| N/A           | N/A            | N/A        |
| N/A           | N/A            | N/A        |

**Extraction Conformance/Non-Conformance Comments:**

HOT BLOCK #1 CELL#50 Temp : 95C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location       |
|----------------|-----------------------------------------|----------------------------|
| 11/27/24 12:00 | <i>[Signature]</i> Prep / Met dig       | <i>[Signature]</i> Met Lab |
|                | Preparation Group                       | Analysis Group             |

| Lab Sample ID | Client Sample ID | pH | Initial Vol (ml) | Final Vol (ml) | Color Before | Color After | Clarity Before | Clarity After | Comment     | Prep Pos |
|---------------|------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| P4972-05MS    | 628-FMS          | <2 | 50               | 25             | Brown        | Colorless   | Clear          | Clear         | M6000,M6009 | 15       |
| P4972-05MSD   | 628-FMSD         | <2 | 50               | 25             | Brown        | Colorless   | Clear          | Clear         | M6000,M6009 | 16       |
| P4972-05DUP   | 628-FDUP         | <2 | 50               | 25             | Brown        | Colorless   | Clear          | Clear         | N/A         | 14       |
| P4972-05      | 628-F            | <2 | 50               | 25             | Brown        | Colorless   | Clear          | Clear         | N/A         | 13       |
| P5006-18      | TW-WTS-02        | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 17       |
| PB165271BL    | PBW271           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 18       |
| PB165271BS    | LCS271           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6000,M6009 | 19       |