

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: 08/27/2025 Time : 10:40 Temp : 97 °C

End Digest Date: 08/27/2025 Time : 13:45 Temp : 98 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: S123.

Supervisor Signature:

Temp : 1. 96°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LFS-1         | 0.25     | M6180               |
| LFS-2         | 0.25     | 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    | 3.00           | M6158      |
| 1:1 HCL       | 5.00           | MP85156    |
| 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 97C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
|----------------|-----------------------------------------|----------------------|
| 08/27/25 14:45 | S123 met dig                            | (Signature)          |
|                | 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 |
|---------------|------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| PB169418BL    | PBW418           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 1        |
| PB169418BS    | LCS418           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 2        |
| Q2964-02MS    | MW3MS            | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 5        |
| Q2964-02MSD   | MW3MSD           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 6        |
| Q2964-02DUP   | MW3DUP           | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 4        |
| Q2964-02      | MW3              | <2 | 50               | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 3        |