

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 BLOC K #1 2. N/A

Start Digest Date: 01/09/2025 Time : 10:25 Temp : 96 °C

End Digest Date: 01/09/2025 Time : 13:30 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. # 1

Dig Technician Signature: *SKJ*

Supervisor Signature: *SKJ*

Temp : 1. 96°C 2. N/A

| Standard 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           | MP83498    |
| 1:1 HCL       | 5.00           | M6126      |
| 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: 96 C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location    |
|----------------|-----------------------------------------|-------------------------|
| 01/09/25 14:30 | <i>SKJ. met digestion</i>               | <i>SKJ (metals lab)</i> |
|                | 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 |
|---------------|------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| P5411-02      | COMP             | <2 | 50               | 25             | Light brown  | N/A         | Cloudy         | N/A           | N/A         | 1        |
| PB165996BL    | PBW996           | <2 | 50               | 25             | Colorless    | N/A         | Clear          | N/A           | N/A         | 2        |
| PB165996BS    | LCS996           | <2 | 50               | 25             | Colorless    | N/A         | Clear          | N/A           | M6000,M6009 | 3        |
| Q1032-01      | 50492            | <2 | 50               | 25             | Brown        | N/A         | Cloudy         | N/A           | N/A         | 4        |
| Q1033-01      | 28612            | <2 | 50               | 25             | Colorless    | N/A         | Clear          | N/A           | N/A         | 5        |
| Q1033-01MS    | 28612MS          | <2 | 50               | 25             | Colorless    | N/A         | Clear          | N/A           | M6000,M6009 | 7        |
| Q1033-01MSD   | 28612MSD         | <2 | 50               | 25             | Colorless    | N/A         | Clear          | N/A           | M6000,M6009 | 8        |
| Q1033-01DUP   | 28612DUP         | <2 | 50               | 25             | Colorless    | N/A         | Clear          | N/A           | N/A         | 6        |