

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: 10/28/2025 Time : 12:30 Temp : 96 °C

End Digest Date: 10/28/2025 Time : 15:32 Temp : 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SLH*

Supervisor Signature: *SD*

Temp : 1. 96°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LFS-1         | 0.25     | M6209               |
| LFS-2         | 0.25     | M6201               |
| 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           | MP87148    |
| 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 96C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location    |
|----------------|-----------------------------------------|-------------------------|
| 10/28/25 16:32 | <i>SLH met dig</i>                      | <i>SD (met dig cab)</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 |
|---------------|---------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| PB170261TB    | PB170261TB          | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 9        |
| PB170291BL    | PBW291              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 10       |
| PB170291BS    | LCS291              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6209,M6201 | 11       |
| Q3460-04MS    | WC-1MS              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6209,M6201 | 14       |
| Q3460-04MSD   | WC-1MSD             | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6209,M6201 | 15       |
| Q3460-04DUP   | WC-1DUP             | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 13       |
| Q3460-04      | WC-1                | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 11       |
| Q3460-08      | WC-2                | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 16       |
| Q3460-12      | WC-3                | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 17       |
| Q3460-16      | WC-4                | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 18       |
| Q3460-20      | WC-5                | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 19       |
| Q3466-03      | BB-0.0-1.0-20251023 | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 20       |
| Q3469-04      | TP-13               | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 21       |
| Q3472-05      | COMP-1              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 22       |
| Q3472-07      | COMP-2              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 23       |
| Q3472-09      | COMP-3              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 24       |
| Q3472-11      | COMP-4              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 25       |
| Q3472-13      | COMP-5              | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 26       |
| Q3472-15      | 155                 | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 27       |
| Q3472-17      | 142                 | <2 | 5                | 50             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 28       |