

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: 09/15/2025 Time : 12:30 Temp : 96 °C

End Digest Date: 09/15/2025 Time : 15:32 Temp : 96 °C

Digestion tube ID: M5595 15:00

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: *SKG*

Supervisor Signature: *gyp*

Temp : 1. 96°C 2. N/A

SJ  
09/16/25

| 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 HNO3      | 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 96C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
|----------------|-----------------------------------------|----------------------|
| 09/15/25 16:32 | <i>SKG met dig</i>                      | <i>gyp Met lab</i>   |
| 15:10          | 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 |
|---------------|------------------|----|------------------|----------------|--------------|-------------|----------------|---------------|-------------|----------|
| PB169677TB    | PB169677TB       | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 1        |
| PB169685BL    | PBW685           | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 2        |
| PB169685BS    | LCS685           | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 3        |
| Q3082-02      | WC-29            | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 4        |
| Q3082-04      | WC-30            | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 5        |
| Q3082-06      | WC-31            | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 6        |
| Q3082-08      | WC-32            | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 7        |
| Q3082-10      | WC-33            | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 8        |
| Q3085-01      | PAULDING-WC1     | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 9        |
| Q3091-07      | 12/9C-COMP       | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 10       |
| Q3091-14      | 12/9B-COMP       | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 11       |
| Q3092-02      | 291376           | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 12       |
| Q3092-04      | 279182           | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 13       |
| Q3092-04MS    | 279182MS         | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 15       |
| Q3092-04MSD   | 279182MSD        | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | M6180,M6181 | 16       |
| Q3092-04DUP   | 279182DUP        | <2 | 5                | 25             | Colorless    | Colorless   | Clear          | Clear         | N/A         | 14       |