

**SOP ID :** M3050B-Digestion-20, MSFAM01.1-Trace Metals-2

**SDG No :** MX1007

**Matrix :** SOIL

**Pipette ID:** ICP A

**Balance ID :** M SC-2

**Filter paper ID :** N/A

**pH Strip ID :** N/A

**Hood ID :** #3

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

**Start Digest Date:** 11/27/2024 **Time :** 10:50 **Temp :** 96 °C

**End Digest Date:** 11/27/2024 **Time :** 12:55 **Temp :** 96 °C

**Digestion tube ID:** M6054

**Block thermometer ID:** MET-DIG. #2

**Dig Technician Signature:**

**Supervisor Signature:**

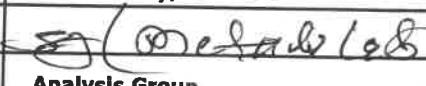
**Temp :** 1. 96°C 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LCSS          | 1.00     | MP83141             |
| N/A           | N/A      | N/A                 |
| 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 |
|---------------|----------------|------------|
| 1:1 HNO3      | 10.00          | MP83122    |
| Conc. HNO3    | 5.00           | M6124      |
| 30% H2O2      | 3.00           | M6125      |
| Conc. HCL     | 10.00          | M6121      |
| 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 #2 CELL#34 : 96

| Date / Time    | Prepped Sample Relinquished By/Location                                                                  | Received By/Location                                                                                    |
|----------------|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| 11/27/24 13:10 | <br>Preparation Group | <br>Analysis Group |

| Lab Sample ID | Client Sample ID | pH  | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment | Prep Pos |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|---------|----------|
| P4917-01      | MX1007           | N/A | 1.33               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 31       |
| PB165239BL    | PBS239           | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | N/A     | 32       |
| PB165239BS    | LCS239           | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | MP83141 | 33       |