

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

SDG No : MBHMZ9

Start Digest Date: 12/30/2024 Time : 10:25 Temp : 96 °C

Matrix : SOIL

End Digest Date: 12/30/2024 Time : 12:30 Temp : 96 °C

Pipette ID: ICP A

Digestion tube ID: M6054

Balance ID : M SC-2

Block thermometer ID: MET-DIG. #5

Filter paper ID : N/A

Dig Technician Signature: *SLD*

pH Strip ID : N/A

Supervisor Signature: *MB*

Hood ID : #3

Temp : 1. 96°C 2. N/A

Block ID: 1. HOT BLOCK #5 2. N/A

| Standardized Name | MLS USED | STD REF. # FROM LOG |
|-------------------|----------|---------------------|
| LCSS              | 1.00     | MP83506             |
| Spike Sol 6       | 1.00     | MP83512             |
| 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          | MP83498    |
| Conc. HNO3    | 5.00           | M6126      |
| 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 #5 CELL #35 : 96 C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
|----------------|-----------------------------------------|----------------------|
| 12/30/24 13:20 | <i>SLD - met digestion</i>              | <i>MB - MET-A</i>    |
|                | Preparation Group                       | Analysis Group       |

| Lab Sample ID | Client Sample ID | pH  | Initial Weight (g) | Final Vol (ml) | Color Before | Color After | Texture | Artifact | Comment | Prep Pos |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|---------|----------|
| P5207-01      | MBHBMZ9          | N/A | 1.26               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 1        |
| P5207-02      | MBHN00           | N/A | 1.35               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 2        |
| P5207-03      | MBHN01           | N/A | 1.08               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 3        |
| P5207-04      | MBHN02           | N/A | 1.25               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 4        |
| P5207-05      | MBHN03           | N/A | 1.19               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 5        |
| P5207-06      | MBHN04           | N/A | 1.27               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 6        |
| P5207-07      | MBHN05           | N/A | 1.13               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 7        |
| P5207-08      | MBHN34           | N/A | 1.15               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 8        |
| P5207-09      | MBHN35           | N/A | 1.31               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 9        |
| P5207-10      | MBHN36           | N/A | 1.29               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 10       |
| P5207-11      | MBHN37           | N/A | 1.38               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 11       |
| P5207-12      | MBHN38           | N/A | 1.20               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 12       |
| P5207-13      | MBHN39           | N/A | 1.29               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 13       |
| P5207-14      | MBHN39D          | N/A | 1.28               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 14       |
| P5207-15      | MBHN39S          | N/A | 1.40               | 100            | Brown        | Yellow      | Medium  | N/A      | MP83512 | 15       |
| P5207-16      | MBHN54           | N/A | 1.35               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 16       |
| P5207-17      | MBHN55           | N/A | 1.31               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 17       |
| P5207-18      | MBHN56           | N/A | 1.21               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 18       |
| P5207-19      | MBHN57           | N/A | 1.14               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 19       |
| P5207-20      | MBHN58           | N/A | 1.16               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 20       |
| P5207-21      | MBHN59           | N/A | 1.21               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 21       |
| P5207-22      | MBHN60           | N/A | 1.45               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 22       |
| PB165910BL    | PBS910           | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | N/A     | 23       |
| PB165910BS    | LCS910           | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | MP83506 | 24       |