

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

**SDG No :** YCZ89 **Start Digest Date:** 12/12/2024 **Time :** 09:55 **Temp :** 96 °C

**Matrix :** SOIL **End Digest Date:** 12/12/2024 **Time :** 12:05 **Temp :** 96 °C

**Pipette ID:** ICP A **Digestion tube ID:** M6054

**Balance ID :** M SC-2 **Block thermometer ID:** MET-DIG. # 3

**Filter paper ID :** N/A **Dig Technician Signature:** *S/23.*

**pH Strip ID :** N/A **Supervisor Signature:** *[Signature]*

**Hood ID :** #3 **Temp :** 1. 96°C 2. N/A

**Block ID:** 1. HOT BLOCK #3 2. N/A

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| LCSS          | 1.00     | MP83506             |
| LCSSD         | 0.5      | MP83506             |
| Spike Sol 6   | 2.00     | MP83506 MP83512     |
| N/A           | N/A      | N/A                 |
| N/A           | N/A      | N/A                 |

SJ  
12/20/24

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| 1:1 HNO3      | 10.00          | MP83498    |
| 1:1 HCL       | 5.00           | MP83499    |
| Conc. HNO3    | 5.00           | M6126      |
| 30% H2O2      | 3.00           | M6125      |
| 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 # 3 CELL #35 : 96 C

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location |
|----------------|-----------------------------------------|----------------------|
| 12/12/24 13:05 | <i>S/23. met digestion</i>              | <i>[Signature]</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 |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|---------|----------|
| P5179-01      | MYCZ89           | N/A | 1.26               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 1        |
| P5179-02      | MYCZ90           | N/A | 1.37               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 2        |
| P5179-03      | MYCZ91           | N/A | 1.28               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 3        |
| P5179-04      | MYCZ92           | N/A | 1.31               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 4        |
| P5179-05      | MYCZ93           | N/A | 1.27               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 5        |
| P5179-06      | MYCZ94           | N/A | 1.35               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 6        |
| P5179-07      | MYCZ95           | N/A | 1.19               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 7        |
| P5179-08      | MYCZ96           | N/A | 1.26               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 8        |
| P5179-09      | MYCZ97           | N/A | 1.43               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 9        |
| P5179-10      | MYCZ98           | N/A | 1.22               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 10       |
| P5179-11      | MYCZ99           | N/A | 1.30               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 11       |
| P5179-12      | MYCZA0           | N/A | 1.31               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 12       |
| P5179-13      | MYCZA1           | N/A | 1.47               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 13       |
| P5179-14      | MYCZA2           | N/A | 1.28               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 14       |
| P5179-15      | MYCZA3           | N/A | 1.49               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 15       |
| P5179-16      | MYCZA4           | N/A | 1.38               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 16       |
| P5179-17      | MYCZA5           | N/A | 1.42               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 17       |
| P5179-18      | MYCZA6           | N/A | 1.43               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 18       |
| P5179-19      | MYCZA7           | N/A | 1.45               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 19       |
| P5179-20      | MYCZA8           | N/A | 1.18               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 20       |
| P5179-21      | MYCZA8D          | N/A | 1.25               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 22       |
| P5179-22      | MYCZA8S          | N/A | 1.29               | 100            | Brown        | Yellow      | Medium  | N/A      | MP83512 | 27       |
| PB165579BL    | PBS579           | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | N/A     | 28       |
| PB165579BS    | LCS579           | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | MP83506 | 29       |
| PB165579BSD   | LCSD579          | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | MP83506 | 30       |