

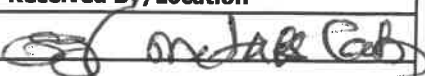
**SOP ID :** M3050B-Digestion-20, MSFAM01.1-Trace Metals-2  
**SDG No :** MH2D26 **Start Digest Date:** 12/31/2024 **Time :** 09:05 **Temp :** 96 °C  
**Matrix :** SOIL **End Digest Date:** 12/31/2024 **Time :** 11:10 **Temp :** 96 °C  
**Pipette ID:** ICP A **Digestion tube ID:** M6054  
**Balance ID :** M SC-2 **Block thermometer ID:** MET-DIG. #5  
**Filter paper ID :** N/A **Dig Technician Signature:**   
**pH Strip ID :** N/A **Supervisor Signature:**   
**Hood ID :** #3 **Temp :** 1. 96°C 2. N/A  
**Block ID:** 1. HOT BLOCK #5 2. N/A

| Standard 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        |
| 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                                                                  |
|----------------|-----------------------------------------|---------------------------------------------------------------------------------------|
| 12/31/24 12:10 | SAS. met digestion                      |  |
|                | 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 |
|---------------|------------------|-----|--------------------|----------------|--------------|-------------|---------|----------|---------|----------|
| P5388-01      | MH2D26           | N/A | 1.37               | 100            | Black        | Yellow      | Medium  | N/A      | N/A     | 1        |
| P5388-02      | MH2D29           | N/A | 1.34               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 2        |
| P5388-03      | MH2D32           | N/A | 1.38               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 3        |
| P5388-04      | MH2D35           | N/A | 1.47               | 100            | Black        | Yellow      | Medium  | N/A      | N/A     | 4        |
| P5388-05      | MH2D38           | N/A | 1.12               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 5        |
| P5388-06      | MH2D41           | N/A | 1.40               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 6        |
| P5388-07      | MH2D44           | N/A | 1.41               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 7        |
| P5388-08      | MH2D47           | N/A | 1.36               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 8        |
| P5388-09      | MH2D50           | N/A | 1.12               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 9        |
| P5388-10      | MH2D53           | N/A | 1.46               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 10       |
| P5388-11      | MH2D56           | N/A | 1.40               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 11       |
| P5388-12      | MH2D59           | N/A | 1.36               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 12       |
| P5388-13      | MH2D62           | N/A | 1.26               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 13       |
| P5388-14      | MH2D65           | N/A | 1.24               | 100            | Gray         | Yellow      | Medium  | N/A      | N/A     | 14       |
| P5388-15      | MH2D68           | N/A | 1.32               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 15       |
| P5388-16      | MH2D71           | N/A | 1.35               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 16       |
| P5388-17      | MH2D74           | N/A | 1.25               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 17       |
| P5388-18      | MH2D74D          | N/A | 1.42               | 100            | Brown        | Yellow      | Medium  | N/A      | N/A     | 18       |
| P5388-19      | MH2D74S          | N/A | 1.28               | 100            | Brown        | Yellow      | Medium  | N/A      | MP83512 | 19       |
| PB165925BL    | PBS925           | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | N/A     | 20       |
| PB165925BS    | LCS925           | N/A | 1.00               | 100            | Colorless    | Colorless   | Fine    | N/A      | MP83506 | 21       |