

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

SDG No : MYD5N0

Start Digest Date: 09/30/2024 Time : 14:30 Temp : 97 °C

Matrix : SOIL

End Digest Date: 09/30/2024 Time : 17:30 Temp : 97 °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. 97°C 2. N/A

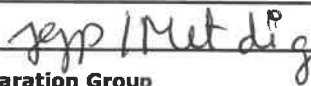
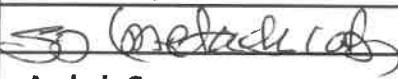
Block ID: 1. HOT BLOCK #5 2. N/A

| Standardized Name | MLS USED            | STD REF. # FROM LOG |
|-------------------|---------------------|---------------------|
| LCSS              | 1.00mL              | MP82583             |
| LCSSD             | 0.50ml              | MP82583             |
| Spike Sol 1       | 0.3mL,0.3mL,0.027mL | M5565,M5657,M5962   |
| Spike Sol 2       | 1.5mL,1.5mL,0.135mL | M5565,M5657,M5962   |
| N/A               | N/A                 | N/A                 |

| Chemical Used | ML/SAMPLE USED | Lot Number |
|---------------|----------------|------------|
| 1:1 HNO3      | 10.00ml        | MP81119    |
| 1:1 HCL       | 5.00ml         | MP82127    |
| CONC: HNO3    | 5.00ml         | M6037      |
| 30% H2O2      | 3.00ml         | M5634      |
| 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 #34 : 97 C  
For Spike Sol 1-0.3ml each M5565,M5657,0.027mL M5962  
For Spike Sol 2-1.5mL each M5565,M5657,0.135mL M5962

| Date / Time   | Prepped Sample Relinquished By/Location                                                        | Received By/Location                                                                                 |
|---------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| 9/30/24 17:41 |  Prep 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       |
|------------------------|-----------------------|----------------|--------------------|----------------|------------------|-------------------|-------------------|----------------|--------------------------|----------------|
| P2824-01               | MYD5K5                | N/A            | 1.15               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 1              |
| P2824-01MS             | MYD5K5MS RE 8/9/30/25 | N/A            | 1.16               | 500            | Brown            | Yellow            | Medium            | N/A            | M5565,M5657,M5962        | 2              |
| <del>P2824-01MSD</del> | <del>MYD5K5MSD</del>  | <del>N/A</del> | <del>N/A</del>     | <del>50</del>  | <del>Brown</del> | <del>Yellow</del> | <del>Medium</del> | <del>N/A</del> | <del>N/A</del> 8/9/30/25 | <del>N/A</del> |
| P2824-02               | MYD5K5D               | N/A            | 1.21               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 3              |
| P2824-03               | MYD5K5S               | N/A            | 1.30               | 500            | Brown            | Yellow            | Medium            | N/A            | M5565,M5657,M5962        | 4              |
| P2824-04               | MYD5N0                | N/A            | 1.18               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 5              |
| P2824-05               | MYD5N1                | N/A            | 1.21               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 6              |
| P2824-06               | MYD5N2                | N/A            | 1.50               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 7              |
| P2824-07               | MYD5N3                | N/A            | 1.12               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 8              |
| P2824-08               | MYD5N4                | N/A            | 1.33               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 9              |
| P2824-09               | MYD5N5                | N/A            | 1.18               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 10             |
| P2824-10               | MYD5N6                | N/A            | 1.26               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 11             |
| P2824-11               | MYD5N7                | N/A            | 1.22               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 12             |
| P2824-12               | MYD5N8                | N/A            | 1.17               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 13             |
| P2824-13               | MYD5N9                | N/A            | 1.33               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 14             |
| P2824-14               | MYD5P0                | N/A            | 1.38               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 15             |
| P2824-15               | MYD5P1                | N/A            | 1.08               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 16             |
| P2824-16               | MYD5P2                | N/A            | 1.10               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 17             |
| P2824-17               | MYD5P3                | N/A            | 1.27               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 18             |
| P2824-18               | MYD5P4                | N/A            | 1.19               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 19             |
| P2824-19               | MYD5P5                | N/A            | 1.24               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 20             |
| P2824-20               | MYD5P6                | N/A            | 1.15               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 21             |
| P2824-21               | MYD5P7                | N/A            | 1.45               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 22             |
| P2824-22               | MYD5P8                | N/A            | 1.18               | 500            | Brown            | Yellow            | Medium            | N/A            | N/A                      | 23             |
| PB163797BL             | PBS797                | N/A            | 1.00               | 500            | Colorless        | Colorless         | Fine              | N/A            | N/A                      | 24             |
| PB163797BS             | LCS797                | N/A            | 1.00               | 500            | Colorless        | Colorless         | Fine              | N/A            | MP82583                  | 25             |
| PB163797BSD            | LCSD797               | N/A            | 1.00               | 500            | Colorless        | Colorless         | Fine              | N/A            | MP82583                  | 26             |