

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

SDG No : MYDBF4 **Start Digest Date:** 10/21/2024 **Time :** 09:30 **Temp :** 97 °C

Matrix : SOIL **End Digest Date:** 10/21/2024 **Time :** 12:30 **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

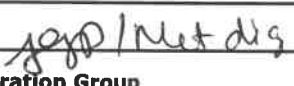
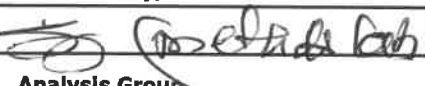
Block ID: 1. HOT BLOCK #5 2. N/A

Standard 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	M6090
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

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
10/21/24 12:40	 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
P4333-01	MYDBF4	N/A	1.46	500	Brown	Yellow	Medium	N/A	N/A	1
P4333-02	MYDBF5	N/A	1.18	500	Brown	Yellow	Medium	N/A	N/A	2
P4333-02MS	MYDBF5MS	N/A	1.02	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	3
P4333-02MSD	MYDBF5MSD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
P4333-03	MYDBF5D	N/A	1.09	500	Brown	Yellow	Medium	N/A	N/A	4
P4333-04	MYDBF5S	N/A	1.35	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	5
PB164281BL	PBS281	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	6
PB164281BS	LCS281	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	7
PB164281BSD	LCSD281	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	8