

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

SDG No : MYDB73 **Start Digest Date:** 10/19/2024 **Time :** 10:00 **Temp :** 97 °C

Matrix : SOIL **End Digest Date:** 10/19/2024 **Time :** 13:00 **Temp :** 97 °C

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

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

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

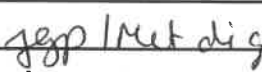
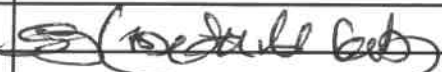
Block ID: 1. HOT BLOCK #2 2. N/A

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	M6088
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 #2 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
10/19/24 13:10	 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
P4316-01	MYDB73	N/A	1.49	500	Brown	Yellow	Medium	N/A	N/A	1
P4316-02	MYDB74	N/A	1.23	500	Brown	Yellow	Medium	N/A	N/A	2
P4316-03	MYDB75	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	3
P4316-04	MYDB76	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	4
P4316-05	MYDB77	N/A	1.20	500	Brown	Yellow	Medium	N/A	N/A	5
P4316-06	MYDB78	N/A	1.41	500	Brown	Yellow	Medium	N/A	N/A	6
P4316-07	MYDB79	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	7
P4316-08	MYDB80	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	8
P4316-09	MYDB81	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	9
P4316-10	MYDB82	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	10
P4316-11	MYDB83	N/A	1.23	500	Brown	Yellow	Medium	N/A	N/A	11
P4316-12	MYDB84	N/A	1.03	500	Brown	Yellow	Medium	N/A	N/A	12
P4316-13	MYDB85	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	13
P4316-14	MYDB86	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	14
P4316-15	MYDB87	N/A	1.38	500	Brown	Yellow	Medium	N/A	N/A	15
P4316-16	MYDB88	N/A	1.11	500	Brown	Yellow	Medium	N/A	N/A	16
P4316-16MS	MYDB88MS	N/A	1.11	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	17
P4316-16MSD	MYDB88MSD	N/A	N/A	50	Brown	Yellow	Medium	N/A	N/A	N/A
P4316-17	MYDB88D	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	18
P4316-18	MYDB88S	N/A	1.11	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	19
P4316-19	MYDB89	N/A	1.20	500	Brown	Yellow	Medium	N/A	N/A	20
P4316-20	MYDB90	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	21
P4316-21	MYDB91	N/A	1.49	500	Brown	Yellow	Medium	N/A	N/A	22
P4316-22	MYDBA8	N/A	1.17	500	Brown	Yellow	Medium	N/A	N/A	23
PB164271BL	PBS271	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB164271BS	LCS271	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	25
PB164271BSD	LCSD271	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	26