

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

SDG No : MYDB42 **Start Digest Date:** 10/19/2024 **Time :** 10:00 **Temp :** 95 °C

Matrix : SOIL **End Digest Date:** 10/19/2024 **Time :** 13:00 **Temp :** 95 °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:** 

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

Hood ID : #3 **Temp :** 1. 95°C 2. N/A

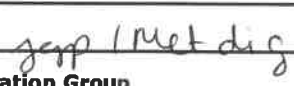
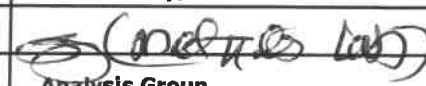
Block ID: 1. HOT BLOCK #3 2. N/A

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 #3 CELL #34 : 95 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
P4314-01	MYDB42	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	1
P4314-02	MYDB43	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	2
P4314-03	MYDB44	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	3
P4314-04	MYDB45	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	4
P4314-05	MYDB46	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	5
P4314-06	MYDB47	N/A	1.48	500	Brown	Yellow	Medium	N/A	N/A	6
P4314-07	MYDB48	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	7
P4314-08	MYDB49	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	8
P4314-09	MYDB50	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	9
P4314-10	MYDB51	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	10
P4314-10MS	MYDB51MS PRE JSP 10/19/24	N/A	1.35	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	11
P4314-10MSD	MYDB51MSD JSP 10/19/24	N/A	N/A	N/A	Brown	Yellow	Medium	N/A	N/A	N/A
P4314-11	MYDB51D	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	12
P4314-12	MYDB51S	N/A	1.24	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	13
P4314-13	MYDB52	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	14
P4314-14	MYDB53	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	15
P4314-15	MYDB54	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	16
P4314-16	MYDB55	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	17
P4314-17	MYDB56	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	18
P4314-18	MYDB57	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	19
P4314-19	MYDB58	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	20
P4314-20	MYDB59	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	21
P4314-21	MYDB60	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	22
P4314-22	MYDB62	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	23
PB164269BL	PBS269	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB164269BS	LCS269	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	25
PB164269BSD	LCSD269	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	26