

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

SDG No : MYD0D5

Start Digest Date: 10/10/2024 **Time :** 14:45 **Temp :** 96 °C

Matrix : SOIL

End Digest Date: 10/10/2024 **Time :** 17:45 **Temp :** 96 °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: *[Signature]*

pH Strip ID : N/A

Supervisor Signature: *[Signature]*

Hood ID : #3

Temp : 1. 96°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	M6083
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 : 96 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
10/10/24 18:00	<i>[Signature]</i> Prep Mit dig	<i>[Signature]</i> Metals Lab
	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
P4292-01	MYD0D5	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	1
P4292-02	MYD0S9	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	2
P4292-03	MYD0T0	N/A	1.03	500	Brown	Yellow	Medium	N/A	N/A	3
P4292-04	MYD0T1	N/A	1.14	500	Brown	Yellow	Medium	N/A	N/A	4
P4292-05	MYD0T2	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	5
P4292-06	MYD0T3	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	6
P4292-07	MYD0T4	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	7
P4292-08	MYD0T5	N/A	1.07	500	Brown	Yellow	Medium	N/A	N/A	8
P4292-09	MYD0T6	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	9
P4292-10	MYD0T7	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	10
P4292-11	MYD0T8	N/A	1.40	500	Brown	Yellow	Medium	N/A	N/A	11
P4292-12	MYD0T9	N/A	1.40	500	Brown	Yellow	Medium	N/A	N/A	12
P4292-13	MYD0W0	N/A	1.09	500	Brown	Yellow	Medium	N/A	N/A	13
P4292-14	MYD0W1	N/A	1.18	500	Brown	Yellow	Medium	N/A	N/A	14
P4292-15	MYD0W2	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	15
P4292-15MS	MYD0W2MSRE JRP 10/10/24	N/A	1.14	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	16
P4292-15MSD	MYD0W2MSD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
P4292-16	MYD0W2D JRP 10/10/24	N/A	1.12	500	Brown	Yellow	Medium	N/A	N/A	17
P4292-17	MYD0W2S	N/A	1.11	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	18
P4292-18	MYD0W3	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	19
P4292-19	MYD0W4	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	20
P4292-20	MYD0W5	N/A	1.19	500	Brown	Yellow	Medium	N/A	N/A	21
P4292-21	MYD0W6	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	22
P4292-22	MYD0W7	N/A	1.13	500	Brown	Yellow	Medium	N/A	N/A	23
PB163992BL	PBS992	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB163992BS	LCS992	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	25
PB163992BSD	LCSD992	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	26