

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

SDG No : MYD5D1

Matrix : SOIL

Pipette ID : ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : N/A

Hood ID : #3

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

Start Digest Date: 09/30/2024 Time : 11:00 Temp : 97 °C

End Digest Date: 09/30/2024 Time : 14:00 Temp : 97 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #5

Dig Technician Signature: *jepp*

Supervisor Signature: *SA*

Temp : 1. 97°C 2. N/A

JP 10/15/2024

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00ml	MP821583 MP82583
LCSSD	0.50ml	MP821583 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 14:15	<i>jepp/Met dig</i>	<i>SA (metals lab)</i>
	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
P2820-01	MYD5D0	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	1
P2820-02	MYD5D1	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	2
P2820-03	MYD5D2	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	3
P2820-04	MYD5D3	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	4
P2820-05	MYD5D4	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	5
P2820-05MS	MYD5D4MS RE JSP 9/30/24	N/A	1.16	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	6
P2820-05MSD	MYD5D4MSD	N/A	N/A	50	Brown	Yellow	Medium	N/A	N/A JSP 9/30/24	N/A
P2820-06	MYD5D4D	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	7
P2820-07	MYD5D4S	N/A	1.38	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	8
P2820-08	MYD5D5	N/A	1.18	500	Brown	Yellow	Medium	N/A	N/A	9
P2820-09	MYD5D6	N/A	1.13	500	Brown	Yellow	Medium	N/A	N/A	10
P2820-10	MYD5D7	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	11
P2820-11	MYD5D8	N/A	1.26	500	Brown	Yellow	Medium	N/A	N/A	12
P2820-12	MYD5D9	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	13
P2820-13	MYD5E0	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	14
P2820-14	MYD5E1	N/A	1.14	500	Brown	Yellow	Medium	N/A	N/A	15
P2820-15	MYD5E2	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	16
P2820-16	MYD5E4	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	17
P2820-17	MYD5E5	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	18
P2820-18	MYD5E6	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	19
P2820-19	MYD5E7	N/A	1.17	500	Brown	Yellow	Medium	N/A	N/A	20
P2820-20	MYD5E8	N/A	1.43	500	Brown	Yellow	Medium	N/A	N/A	21
PB163789BL	PBS789	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	22
PB163789BS	LCS789	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	23
PB163789BSD	LCSD789	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	24