

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

SDG No : MYD456

Start Digest Date: 09/23/2024 Time : 11:30 Temp : 96 °C

Matrix : SOIL

End Digest Date: 09/23/2024 Time : 14:35 Temp : 96 °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: JRP

pH Strip ID : N/A

Supervisor Signature: [Signature]

Hood ID : #3

Temp : 1. 96°C 2. N/A

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

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00mL	MP82170
LCSSD	0.50ml	MP82170
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	M5965
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 #3 CELL #33 : 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
9/23/24 14:45	JRP / Met dig	[Signature] (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
P2785-01	MYD455	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	1
P2785-02	MYD456	N/A	1.05	500	Brown	Yellow	Medium	N/A	N/A	2
P2785-03	MYD457	N/A	1.16	500	Brown	Yellow	Medium	N/A	N/A	3
P2785-04	MYD458	N/A	1.04	500	Brown	Yellow	Medium	N/A	N/A	4
P2785-05	MYD459	N/A	1.10	500	Brown	Yellow	Medium	N/A	N/A	5
P2785-05MS	MYD459MS RE <i>SEP 9/23/24</i>	N/A	1.40	500	Brown	Yellow	Medium	N/A	M5565, M5657, M5962	6
P2785-05MSD	MYD459MSD	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A <i>SEP 9/23/24</i>	N/A
P2785-06	MYD459D	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	7
P2785-07	MYD459S	N/A	1.06	500	Brown	Yellow	Medium	N/A	M5565, M5657, M5962	8
P2785-08	MYD460	N/A	1.06	500	Brown	Yellow	Medium	N/A	N/A	9
P2785-09	MYD461	N/A	1.15	500	Brown	Yellow	Medium	N/A	N/A	10
P2785-10	MYD462	N/A	1.02	500	Brown	Yellow	Medium	N/A	N/A	11
P2785-11	MYD463	N/A	1.04	500	Brown	Yellow	Medium	N/A	N/A	12
P2785-12	MYD464	N/A	1.06	500	Brown	Yellow	Medium	N/A	N/A	13
P2785-13	MYD465	N/A	1.06	500	Brown	Yellow	Medium	N/A	N/A	14
P2785-14	MYD466	N/A	1.04	500	Brown	Yellow	Medium	N/A	N/A	15
P2785-15	MYD467	N/A	1.20	500	Brown	Yellow	Medium	N/A	N/A	16
P2785-16	MYD468	N/A	1.02	500	Brown	Yellow	Medium	N/A	N/A	17
P2785-17	MYD469	N/A	1.02	500	Brown	Yellow	Medium	N/A	N/A	18
P2785-18	MYD470	N/A	1.08	500	Brown	Yellow	Medium	N/A	N/A	19
P2785-19	MYD471	N/A	1.10	500	Brown	Yellow	Medium	N/A	N/A	20
P2785-20	MYD472	N/A	1.05	500	Brown	Yellow	Medium	N/A	N/A	21
P2785-21	MYD473	N/A	1.14	500	Brown	Yellow	Medium	N/A	N/A	22
P2785-22	MYD474	N/A	1.08	500	Brown	Yellow	Medium	N/A	N/A	23
PB163570BL	PBS570	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	24
PB163570BS	LCS570	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82170	25
PB163570BSD	LCSD570	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82170	26