

M200.8 Trace Elements-22

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

SDG No : A6301

Start Digest Date: 01/30/2025 Time : 13:25 Temp : 95 °C

Matrix : SOIL

End Digest Date: 01/30/2025 Time : 13:45 Temp : 95 °C

Pipette ID: ICP A

Digestion tube ID: M6054

Balance ID : M SC-2

Block thermometer ID: MET-DIG. # 5

Filter paper ID : N/A

Dig Technician Signature: S. J. D.

pH Strip ID : N/A

Supervisor Signature: [Signature]

Hood ID : #3

Temp : 1. 95°C 2. N/A

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

Standardized Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP84118
Spike Sol. B	1.00	MP84119
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	4.00	MP84041
1.4 HCL SOLN	10.00	MP82128
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #5 Cell #34 Temp: 95 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
01/30/25 14:45	<u>S. J. D.</u>	<u>S. J. D. (Metals Lab)</u>
	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
PB166384BL	PBS384	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	1
PB166384BS	LCS384	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP84118	2
Q1223-01	A6301	N/A	4.33	500	Brown	Yellow	Medium	N/A	N/A	3
Q1223-02	A6302	N/A	4.06	500	Brown	Yellow	Medium	N/A	N/A	4
Q1223-03	A6303	N/A	1.18	500	Brown	Yellow	Medium	N/A	N/A	5
Q1223-04	A6304	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	6
Q1223-05	A6305	N/A	5.97	500	Brown	Yellow	Medium	N/A	N/A	7
Q1223-06	A6305D	N/A	5.67	500	Brown	Yellow	Medium	N/A	N/A	8
Q1223-07	A6305S	N/A	5.23	500	Brown	Yellow	Medium	N/A	MP84119	9
Q1223-08	A6306	N/A	1.18	500	Brown	Yellow	Medium	N/A	N/A	10
Q1223-09	A6307	N/A	5.33	500	Brown	Yellow	Medium	N/A	N/A	11
Q1223-10	A6308	N/A	1.19	500	Brown	Yellow	Medium	N/A	N/A	12
Q1223-11	A6309	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	13
Q1223-12	A6320	N/A	1.14	500	Brown	Yellow	Medium	N/A	N/A	14
Q1223-13	A6321	N/A	1.23	500	Brown	Yellow	Medium	N/A	N/A	15
Q1223-14	A6322	N/A	9.43	500	Brown	Yellow	Medium	N/A	N/A	16
Q1223-15	A6323	N/A	3.60	500	Brown	Yellow	Medium	N/A	N/A	17
Q1223-16	A6324	N/A	4.29	500	Brown	Yellow	Medium	N/A	N/A	18