

SOP ID : MSM4500-NH3 B,G-Ammonia-18

SDG No : N/A

Start Digest Date: 09/08/2025 Time : 09:25 Temp : 150 °C

Matrix : SOIL

End Digest Date: 09/08/2025 Time : 10:25 Temp : 157 °C

Pipette ID : WC

1st batch
09/08/2025 10:50 150 °C
09/08/2025 11:50 160 °C

Balance ID : WC SC-7

Hood ID : HOOD#2

Digestion tube ID : M5595

Block Thermometer ID : WC CYANIDE

Block ID : WC-DIST-BLOCK-1

Filter paper ID : N/A

Prep Technician Signature: *RM*

Weigh By : RM

pH Meter ID : N/A

Supervisor Signature: *12*

Standard Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP114257
PBS003	50.0ML	W3112
RL CHECK	N/A	AS PER PB169587
LOD	0.8ML	WP114651
LOQ	1.0ML	WP114651

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP112828
NAOH 6N	0.5-2.0ML	WP113887
H2SO4 0.04N	5.0ML	WP112828
pH strip-Ammonia	N/A	W3133
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:

ALL GLASSWEAR ARE STEAMED OUT AND THERE WERE NO TRACE OF AMMONIA USING NESLER REAGENT WP114104,

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
09/08/2025 10:35	<i>RM (WC)</i>	<i>RM (WC)</i>
09/08/2025 12:00	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Weight (g)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169602BL	PBS602	1.00	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB169602BS	LCS602	1.00	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2893-01	LOD-MDL-SOIL-01-QT3-2025	1.00	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q2893-02	LOQ-SOIL-02-QT3-2025	1.00	50	N/A	N/A	N/A	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A