

SOP ID : MSM4500-NH3 B,G-Ammonia-17

SDG No : N/A

Start Digest Date: 04/25/2025 Time : 09:20 Temp : 150 °C

Matrix : WATER

End Digest Date: 04/25/2025 Time : 10:20 Temp : 160 °C

Pipette ID : WC

Balance ID : N/A

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 : N/A

pH Meter ID : N/A

Supervisor Signature: 12

Standard Name	MLS USED	STD REF. # FROM LOG
LCSW	1.0ML	WP112614
PBW	50.0ML	W3112
RL CHECK	0.1ML	WP112613
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP111325
NAOH 6N	1.0ML-5.0ML	WP111318
H2SO4 0.04N	5.0ML	WP112828
pH strip-Ammonia	N/A	W3133
KI-starch paper	N/A	W3155
Dechlorinating	2.0ML-22ML	WP112843
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 WP111604. Due to limited vol 5ML was taken as a initial vol and DUP, MS and MSD was not performed.

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/25/2025 10:30	RM (WC)	RM (WC)
	Preparation Group	Analysis Group

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB167733BL	PBW733	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB167733BS	LCS733	50	50	<2	N/A	Negative	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q1879-01	STEM-31-SULFURIC-ACID	5	50	<2	N/A	Positive	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q1879-02	STEM-32-SULFURIC-ACID	5	50	<2	N/A	Positive	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q1879-03	STEM-46-SULFURIC-ACID	5	50	<2	N/A	Positive	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q1879-04	ACID-MIXTURE-TF-CONTAINMENT	5	50	<2	N/A	Positive	N/A	AFTER ADDING 6N NAOH PH IS 9.5	N/A