Alliance TECHNICAL GROUP

Water ASTM Ammonia Preparation Sheet

PB169877

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

SDG No : N/A

Matrix : WATER

Pippete ID : WC

Balance ID : WC SC-7

Hood ID : HOOD#2

Block ID : WC-DIST-BLOCK-1

Weigh By : RM

Start Digest Date: 09/29/2025 **Time :** 09:10 **Temp :** 150 °C

End Digest Date: 09/29/2025 **Time :** 10:10 **Temp :** 160 °C

if batch 09/29/2025 10.35 150 C
09/29/2025 11.45 160 C

Digestion tube ID : M5595

Filter paper ID : N/A

pH Meter ID : N/A

Block Thermometer ID : WC CYANIDE

Prep Technician Signature: RM

Supervisor Signature: 12

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.0ML	WP114786
MS/MSD SPIKE SOL.	1.0ML	WP114785
RL CHECK	0.1ML	WP114785
PBS003	50.0ML	W3112
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
BORATE BUFFER	2.5ML	WP113836
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
09/29/2025 11.50	RM (WC)	RM (WC)
	Preparation Group	Analysis Group

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Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Sulfide	Oxidizing	Nitrate/ Nitrite	Comment	Prep Pos
PB169877BL	PBW877	50	50	<2	N/A	N/A	Negative	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB169877BS	LCS877	50	50	<2	N/A	N/A	Negative	AFTER ADDING 6N NAOH PH IS 9.5	N/A
PB169877TB	LEB877	50	50	<2	N/A	N/A	Negative	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3181-04DUP	WC-A3-01-CDUP	50	50	<2	N/A	N/A	Negative	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3181-04MS	WC-A3-01-CMS	50	50	<2	N/A	N/A	Negative	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3181-04MSD	WC-A3-01-CMSD	50	50	<2	N/A	N/A	Negative	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3181-04	WC-A3-01-C	50	50	<2	N/A	N/A	Negative	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3181-08	WC-A3-02-C	50	50	<2	N/A	N/A	Negative	AFTER ADDING 6N NAOH PH IS 9.5	N/A
Q3181-12	WC-A3-03-C	50	50	<2	N/A	N/A	Negative	AFTER ADDING 6N NAOH PH IS 9.5	N/A