

RECOMMENDED CONSUMABLES

for Ammonia Analysis using SM 4500-NH3 B-H

The purpose of this document is to act as a quick reference for the products called out in the Apparatus and Reagents sections **Standard Methods 4500-NH3**. The focus of this list is on the consumable items. There are many lab instruments that can be used for these methods such as ovens, balances, and desiccators that were not included in this document but can be found on [our website](#).

If you have any questions about the products in this document, you can reach out to your account manager and they will connect you with our environmental testing experts!

Sample Collection

Paragraph	Description	Cat No.
8.1	Sample Collection Bottles	Various

Solvents & Reagents

Paragraph	Description	Cat No.
B.3.a	Ammonia-free water	Various
B.3.b	Sodium hydroxide concentrate 0.1 M NaOH in water (0.1N), Eluent concentrate for IC	43617
B.3.b	0.025 M sodium tetraborate solution	Various
B.3.c	Sodium hydroxide solution	Various
B.3.d	Sodium thiosulfate pentahydrate	Various
B.3.e.2	Sulfuric Acid	Various
B.3.f	Boric Acid	Various
C.3.a	Methyl red (C.I. 13020), indicator ACS, Reag. Ph Eur	106076
C.3.a	Ethyl Alcohol	Various
C.3.a	Isopropyl Alcohol	Various
C.3.a	Methylene blue (C.I. 52015), Reag. Ph Eur	159270
C.3.c	Sodium Carbonate	Various
D.3.c	EDTA	Various
D.3.d	Ammonium chloride, anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.5%	901230
F.3.a	Liquified Phenol, ≥89.0%	P9346
F.3.b	Sodium nitroprusside dihydrate, puriss. p.a., ACS reagent, reag. Ph. Eur., ≥99%	71778
F.3.c	Trisodium Citrate	Various
F.3.c	Sodium Hydroxide (solids)	Various
F.3.d	Sodium hypochlorite	Various
G.3.e	Potassium sodium tartrate tetrahydrate	Various
H.3.a	Disodium ethylenediamine tetraacetate	Various

Sample Preparation

Paragraph	Description	Cat No.
B.2.a	Distillation apparatus	Various

Standards & Reference Materials

Paragraph	Description	Cat No.
	Ammonia, certified reference material	QC1593

Analysis

Paragraph	Description	Cat No.
B.2.b	pH Meter	Various
B.4.d	Titration Glassware	Various

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