

Certificate of Analysis

Ammonium Hydroxide, ACS Reagent Grade

Lot Number: 1402E49

Product Number: RABA0020

Date Packaged: FEB 27, 2024

Expiration Date: DEC 2025

 Chemical Formula: NH₄OH
 Formula weight: 35.05

Contains

 NH₄OH CAS No. 1336-21-6 MW 35.05

Test	Specification	Result
Appearance	Colorless liquid	Passed
Assay	28.0-30.0 % NH ₃	29.0 % NH ₃
Carbon Dioxide (CO ₂)	max 0.002 %	< 0.002 %
Chloride (Cl)	max 0.5 ppm	< 0.5 ppm
Heavy Metals (as Pb)	max 0.5 ppm	< 0.5 ppm
Iron (Fe)	max 0.2 ppm	< 0.2 ppm
Nitrate (NO ₃)	max 2 ppm	< 2 ppm
Phosphate (PO ₄)	max 2 ppm	< 2 ppm
Residue after Ignition	max 0.002 %	< 0.002 %
Substances Reducing Permanganate	To Pass Test	Passed
Sulfate (SO ₄)	max 2 ppm	< 2 ppm

Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document traceability and production history for each lot manufactured.

Part Number	Size / Package Type	Shelf Life (Unopened Container)
RABA0020-500D1	500 mL glass	24 months

Recommended Storage: 15°C - 30°C (59°F - 86°F)



Heidi J Green (02/27/2024)

Operations Manager

This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

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