



PRODUCT SPECIFICATION SHEET
AMMONIUM HYDROXIDE
Meets ACS Grade Monographs

Catalog Number: 282000ACS

Available in the following sizes:

6x2.5L Clear Glass, 6x2.5L Poly Coated Glass, 6x500 ml Clear Glass, 4x1 gallon Poly Gallon Bottle, 55 gallon New Poly Drum

Test	Specification	Typical Lot Analysis
Appearance	Clear, colorless	Pass
Assay (NH ₄ OH)	28.0 - 30.0%	29.8%
Carbon Dioxide (CO ₂)	0.002% max.	<0.002%
Chloride	0.5ppm max.	<0.5ppm
Heavy Metals (as Pb)	0.5ppm max.	<0.5ppm
Iron (Fe)	0.2ppm max	<0.2ppm
Nitrate (NO ₃)	2ppm max.	<2ppm
Phosphate (PO ₄)	2ppm max.	<2ppm
Residue after Ignition	0.002% max.	<0.002%
Substances Reducing Permanganate	To pass test	Pass
Total Sulfur (as SO ₄)	2ppm max.	<2ppm

Form Ammonium Hydroxide-ACS, #101, Rev. 2.5, 06/16, KAD

This product is for further commercial manufacturing, laboratory or research use, and may be used as an excipient or a process solvent for pharmaceutical purposes. It is not intended for use as an active ingredient in drug manufacturing nor as a medical device or disinfectant. Appropriate/legal use of this product is the responsibility of the user.