



**PRODUCT SPECIFICATION SHEET
AMMONIUM HYDROXIDE**

Meets REAGENT ACS, USP/NF, FCC GRADE Monographs

Main Catalog Number: 282000000-Size Code*

Alt. Catalog Number: 282USP/NF-Size Code*, 282000FCC-Size Code*

Available in the following sizes:

*Refer to Master Price List – Individual package sizes have unique size codes

TEST	MONO GRAPH	SPECIFICATION	TYPICAL RESULTS
Assay (NH ₃ , w/w)	ACS, USP/NF FCC	28.0 - 30.0% 27.0-31.0% 27.0-30.0%	30.0%
Appearance	ACS	Clear, Colorless	Pass
Residue after Ignition	ACS	0.002% max.	< 0.002%
Carbon Dioxide (CO ₂)	ACS	0.002% max.	< 0.002%
Chloride (Cl)	ACS	0.5 ppm max.	< 0.5 ppm
Phosphate (PO ₄)	ACS	2 ppm max.	< 2 ppm
Nitrate (NO ₃)	ACS	2 ppm max.	< 2 ppm
Sulfate (SO ₄)	ACS	2 ppm max.	< 2 ppm
Heavy Metals (as Pb)	ACS FCC	0.5 ppm max. 0.5 ppm max.	< 0.5 ppm
Iron (Fe)	ACS	0.2 ppm max	< 0.2 ppm
Substances Reducing Permanganate	ACS	To Pass Test	Pass
Identification	USP/NF FCC	Conforms	Pass
Non-Volatile Residue	USP/NF FCC	0.05% max 0.02% max	< 0.02%
Readily Oxidizable Substances	USP/NF FCC	To Pass Tests	Pass

Form Ammonium Hydroxide-ACS-USP/NF-FCC, Rev. 2.7, 05/18, EF

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.

