

# Product Specifications

**PRODUCT NAME:** Ammonium Hydroxide  
ACS Reagent

**CHEMICAL FORMULA:** NH<sub>4</sub>OH

**Product Code:** 048500-90000  
**F.W.:** 35.05  
**CAS No:** 1336-21-6  
**Density:** 0.90

ITEM	SPECIFICATIONS
Appearance	Colorless, free from susp. matter
Assay (NH <sub>3</sub> )	28.0 - 30.0%
Residue After Ignition	0.002% max.
Carbon dioxide (CO <sub>2</sub> )	0.002% max.
Chloride (Cl)	0.5 ppm max.
Nitrate (NO <sub>3</sub> )	2 ppm max.
Phosphate (PO <sub>4</sub> )	2 ppm max.
Sulfate (SO <sub>4</sub> )	2ppm max.
Heavy Metals (as Pb)	0.5 ppm max.
Iron (Fe)	0.2 ppm max.
Substances Reducing Permanganate	To pass test
Manufacture Date	Record Actual
Expiration date	Record Actual

**Remarks:**

This material meets FCC Specifications.

The above are the specifications, ranges and limits set for this product.



Eddy Santiago  
Quality Assurance Manager

Disclaimer: To the best of our knowledge, the information contained herein is accurate and reliable as of the date of publication. However, nothing herein shall constitute any express or implied warranty of merchantability or fitness for a particular purpose. It is the customer's responsibility to inspect and test our products in order to satisfy itself as to the suitability of the products for the customer's particular purpose.

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