



**ChemPure* Brand
Chemicals**

Certificate Of Analysis

Chemical Name: **Ammonium Hydroxide**

ACS Reagent

Chemical Formula: **NH₄OH**

Product Code: **048500-90000**

Lot #: **2012092025**

F.W.: **35.0500**

CAS: **1336-21-6**

Density: **0.9000 kg/L**

Analytical Results		
Item	Specifications	Analysis
Chloride (Cl)	0.5 ppm max.	<0.5 ppm
Heavy Metals (as Pb)	0.5 ppm max.	<0.5 ppm
Iron (Fe)	0.2 ppm max.	<0.2 ppm
Appearance	Colorless, free from susp. matter	Passes Test
Nitrate (NO ₃)	2 ppm max.	<2 ppm
Phosphate (PO ₄)	2 ppm max.	<2 ppm
Residue After Ignition	0.002% max.	<0.002%
Substances Reducing Permanganate	To pass test	Passes Test
Total sulfur (as SO ₄)	2 ppm max	<2 ppm
Assay (NH ₃)	28.0 - 30.0%	28.4%
Carbon dioxide (CO ₂)	0.002% max.	<0.002%

Remarks:

This material meets FCC Specifications.

It is certified that the above copy is a true copy of the actual lot analysis.

Shawn Chadwick
Technical Director