



**ChemPure\* Brand  
Chemicals**

Product Code: **048500/CP-M1105S**  
Lot #: **2013090528**

## Certificate Of Analysis

Chemical Name: **Ammonium Hydroxide**

ACS Reagent

Chemical Formula: **NH<sub>4</sub>OH**

*...Pure Quality*

F.W.: **35.0500**

CAS: **1336-21-6**

Density: **0.9000 kg/L**

Analytical Results		
Item	Specifications	Analysis
Chloride (Cl)	0.5 ppm max.	<0.02 ppm
Heavy Metals (as Pb)	0.5 ppm max.	<0.5 ppm
Iron (Fe)	0.2 ppm max.	<0.2 ppm
Manufacture Date	Record Actual	09/05/2013
Appearance	Colorless, free from susp. matter	Passes Test
Nitrate (NO <sub>3</sub> )	2 ppm max.	0.05 ppm
Phosphate (PO <sub>4</sub> )	2 ppm max.	<0.02 ppm
Residue After Ignition	0.002% max.	<0.002%
Substances Reducing Permanganate	To pass test	Passes Test
Sulfate (SO <sub>4</sub> )	2ppm max.	0.02 ppm
Assay (NH <sub>3</sub> )	28.0 - 30.0%	29.0%
Carbon dioxide (CO <sub>2</sub> )	0.002% max.	<0.002%

Remarks:

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

Daryn Browning  
Technical Director