



**ChemPure\* Brand  
Chemicals**

Product Code: CP-A1105P  
Lot #: 2016032467

## 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.	<0.5 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	03/24/2016
Appearance	Colorless, free from susp. matter	Passes Test
Nitrate (NO <sub>3</sub> )	2 ppm max.	<2 ppm
Phosphate (PO <sub>4</sub> )	2 ppm max.	<2 ppm
Residue After Ignition	0.002% max.	<0.002%
Substances Reducing Permanganate	To pass test	Passes Test
Sulfate (SO <sub>4</sub> )	2ppm max.	<2 ppm
Assay (NH <sub>3</sub> )	28.0 - 30.0%	29.2%
Carbon dioxide (CO <sub>2</sub> )	0.002% max.	<0.002%

Recommended Retest Date: March 23, 2021

Remarks:

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

Kevin Hansen  
Quality Assurance Manager

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