



**ChemPure* Brand
Chemicals**

Cust-Product Code: CP-M1105S
Lot #: 2025051432

...Pure Quality

CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Ammonium Hydroxide**
ACS Reagent

CHEMICAL FORMULA: NH₄OH

F.W.: 35.0500

CAS No: 1336-21-6

Density: 0.9000

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Appearance	Colorless, free from susp. matter	Passes Test
Assay (NH ₃)	28.0 - 30.0%	29.6%
Residue After Ignition	0.002% max.	<0.002%
Carbon dioxide (CO ₂)	0.002% max.	<0.002%
Chloride (Cl)	0.5 ppm max.	<0.5 ppm
Nitrate (NO ₃)	2 ppm max.	<2 ppm
Phosphate (PO ₄)	2 ppm max.	<2 ppm
Sulfate (SO ₄)	2ppm max.	<2 ppm
Heavy metals (by ICP-OES)	0.5 ppm max.	<0.5 ppm
Iron (Fe)	0.2 ppm max.	<0.2 ppm
Substances Reducing Permanganate	To pass test	Passes Test
Manufacture Date	Record Actual	05/12/2025
Expiration date	Record Actual	05/12/2027
REMARKS		
This material meets FCC Specifications.		
This material meets FCC Specifications.		

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

Eddy Santiago
Quality Assurance Manager

Important. It is certified that the above is a true copy of the actual lot analysis. 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. The minimum shelf life is based on current knowledge and holds only for proper storage conditions in the original containers. We herewith confirm that the delivery is effected according to the technical conditions agreed. Particular properties of the products or the suitability for a particular area of application is not assured. It is the customer's responsibility to inspect and test the products in order to satisfy itself as to the suitability for the customer's particular purpose. This information is not intended to be all inclusive as to the manner and conditions of use, handling, storage, disposal, and other factors that may involve other or additional legal, environmental, safety or performance considerations, and CHEMPURE BRAND CHEMICALS assumes no liability whatsoever for the use of or reliance upon this information. Our technical personnel will be happy to respond to questions. Safe handling and use of the product remains the responsibility of the customer. No suggestions for use are intended as, and nothing herein shall be construed as, recommendations to infringe any existing patents or to violate any Federal, State, Local or foreign laws. This document was produced electronically and is valid without a signature. ChemPure Quality Management.

Printed: 6/25/2025

SUPPORT@CHEMPUREBRAND.COM - WWW.CHEMPUREBRAND.COM

ChemPure Brand Chemicals • P: 440.725.2802 • F: 734.405.6623 • 39103 Warren Rd., Westland, MI 48185