



**ChemPure\* Brand  
Chemicals**

Cust-Product Code: CP-E1105P  
Lot #: 420122CP

...Pure Quality

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Ammonium Hydroxide Solution**  
ACS Reagent

F.W.: 35.05

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

CAS No: 1336-21-6

Density: 0.9000

ANALYTICAL RESULTS		
ITEM	SPECIFICATIONS	ANALYSIS
Appearance	Colorless, free from susp. matter	Passes Test
Assay (NH <sub>3</sub> )	28.0 - 30.0%	29.4%
Residue After Ignition	0.002% max.	0.0005%
Carbon dioxide (CO <sub>2</sub> )	0.002% max.	0.0001%
Chloride (Cl)	0.5 ppm max.	<0.2 ppm
Nitrate (NO <sub>3</sub> )	2 ppm max.	<1 ppm
Phosphate (PO <sub>4</sub> )	2 ppm max.	<1 ppm
Sulfate (SO <sub>4</sub> )	2ppm max.	<1 ppm
Heavy Metals (as Pb)	0.5 ppm max.	<0.05 ppm
Iron (Fe)	0.2 ppm max.	<0.02 ppm
Substances Reducing Permanganate	To pass test	Passes Test
Manufacture Date	Record Actual	12/15/2020
Expiration date	Record Actual	12/14/2022
REMARKS		
This material meets NF Specifications.		

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