



**ChemPure* Brand
Chemicals**

Cust-Product Code: CP-M1105S
Lot #: 2022092147

...Pure Quality

CERTIFICATE OF ANALYSIS

PRODUCT NAME: **Ammonium Hydroxide**
ACS Reagent

F.W.: 35.0500

CHEMICAL FORMULA: NH₄OH

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%	28.8%
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	09/19/2022
Expiration date	Record Actual	09/18/2024
REMARKS		
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

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