

Certificate of Analysis

Product: Ammonium Hydroxide 28-30% Solution, ACS Grade

Item Number: AMHA30

CAS#: 1336-21-6

Grade: ACS

Lot Number: 5002063/1.1

Manufacture Date: 02/04/2026

Expiration Date: 02/03/2029

Country of Origin: United States

Tested Property	Specification	Analysis
Assay	28.0 - 30.0%	29.95
Appearance	Colorless, free from suspended matter/sediment	Pass
Residue After Ignition	≤0.002%	0.0005
Carbon Dioxide (CO ₂)	≤0.002%	0.0001
Chloride (as Cl)	≤0.5 ppm	<0.2
Heavy Metals (as Pb)	≤0.5 ppm	<0.05
Iron (Fe)	≤0.2 ppm	<0.02
Nitrate (NO ₃)	≤2 ppm	<1
Phosphate (PO ₄)	≤2 ppm	<1
Total Sulfur (as SO ₄)	≤2 ppm	<1
Substances Reducing Permanganate	To Pass Test	Pass
Specific Gravity @ 60°	0.896 - 0.902	Pass

Store in a cool, dry, and well-ventilated environment.

[Ammonium Hydroxide 28-30% Solution, ACS Grade](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

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Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

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