

**Certificate of Analysis****Product: Ammonium Hydroxide 28-30% Solution, ACS Grade****Item Number: AMHA30****CAS#: 1336-21-6****Grade: ACS****Lot Number: 5002521/1.1****Manufacture Date: 05/14/2026****Retest Date : 05/13/2029****Country of Origin: United States**

| Tested Property                    | Specification                                  | Analysis  |
|------------------------------------|------------------------------------------------|-----------|
| Assay                              | 28.0 - 30.0%                                   | 29.80%    |
| Appearance                         | Colorless, free from suspended matter/sediment | Pass      |
| Residue After Ignition             | ≤0.002%                                        | 0.0005%   |
| Carbon Dioxide (CO <sub>2</sub> )  | ≤0.002%                                        | 0.0001%   |
| Chloride (as Cl)                   | ≤0.5 ppm                                       | <0.2 ppm  |
| Heavy Metals (as Pb)               | ≤0.5 ppm                                       | <0.05 ppm |
| Iron (Fe)                          | ≤0.2 ppm                                       | <0.02 ppm |
| Nitrate (NO <sub>3</sub> )         | ≤2 ppm                                         | <1 ppm    |
| Phosphate (PO <sub>4</sub> )       | ≤2 ppm                                         | <1 ppm    |
| Total Sulfur (as SO <sub>4</sub> ) | ≤2 ppm                                         | <1 ppm    |
| 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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