

### Certificate of Analysis

**Product: Ammonium Hydroxide 27-30% Solution, Lab Grade**

**Item Number: AMHL30**

**Grade: Lab**

**Lot Number: 5002160/2.1**

**Manufacture Date: 03/05/2026**

**Expiration Date: 03/04/2029**

**Country of Origin: United States**

| Tested Property                  | Specification                                     | Analysis |
|----------------------------------|---|----------|
| Assay                            | 28.0 - 30.0%                                      | 29.90    |
| Appearance                       | Colorless and free from suspended matter/sediment | Pass     |
| Residue after Ignition           | Max. 0.002%                                       | 0.0005   |
| Carbon Dioxide                   | Max. 0.002%                                       | 0.0001   |
| Chloride                         | Max. 0.5 ppm                                      | <0.2     |
| Phosphate                        | Max. 2 ppm  | <1       |
| Total Sulfur                     | Max. 2 ppm  | <1       |
| Heavy Metals                     | Max. 0.5 ppm                                      | <0.05    |
| Iron                             | Max. 0.2 ppm                                      | <0.02    |
| Substances Reducing Permanganate | To Pass the Test                                  | Pass     |
| Nitrate                          | Max. 2 ppm  | <1       |
| Specific Gravity @ 60 Degrees    | 0.896 - 0.902                                     | Pass     |

Store in a cool, dry, and well-ventilated environment.  
CAS RN: 1336-21-6

#### [Ammonium Hydroxide 27-30% Solution, Lab 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

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