



### Certificate of Analysis

**Product: Ammonium Hydroxide 28-30% Solution**

**Item Number: AMHA30**

**Grade: ACS**

**Lot Number: 5000136/1.1**

**Manufacture Date: 05/08/2023**

**Expiration Date: 05/07/2025**

**Country of Origin: United States**

Tested Property	Specification	Analysis
Assay	28 - 30%	29.77%
Appearance	Colorless, free from Suspended matter	Pass
Residue after ignition	Max 0.002%	0.0005
Carbon Dioxide (CO <sub>2</sub> )	0.002%	0.0001
Chloride	Max 0.5 ppm	<0.2
Phosphate (PO <sub>4</sub> )	Max 2 ppm	<1
Total Sulfur (as SO <sub>4</sub> )	Max 2 ppm	<1
Heavy Metals (as Pb)	Max 0.5 ppm	<0.05 ppm
Iron (Fe)	0.2 ppm	<0.02
Sub. Red. Permanganate	To pass the test	Passes
Nitrate (NO <sub>3</sub> )	Max 2 ppm	<1
Specific Gravity @ 60°F	0.896 - 0.902	Pass

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

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