

### Certificate of Analysis

**Product: Ammonium Hydroxide**

**Item Number: C1560**

**Grade: ACS**

**Lot Number: 240219-A**

**Manufacture Date: 12/06/2023**

**Expiration Date: 12/05/2025**

**Country of Origin: United States**

Tested Property	Specification	Analysis
Assay	28.0 - 30.0%	29.56%
Appearance	To Pass Pest	passes
Residue after ignition	$\leq 0.002\%$	$< 0.002\%$
Carbon Dioxide (CO <sub>2</sub> )	$\leq 0.002\%$	$< 0.002\%$
Chloride (as Cl)	$\leq 0.5\text{ppm}$	0.5 ppm
Heavy Metals (as Pb)	$\leq 0.5\text{ppm}$	0.1 ppm
Iron (Fe)	$\leq 0.2\text{ppm}$	0.2 ppm
Nitrate (NO <sub>3</sub> )	$\leq 2\text{ppm}$	1 ppm
Phosphate (PO <sub>4</sub> )	$\leq 2\text{ppm}$	1 ppm
Sulfate (SO <sub>4</sub> )	$\leq 2\text{ ppm}$	1 ppm
Substances Reducing Permanganate	To Pass Test	passes

### [Ammonium Hydroxide](#)

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