

**Ammonium Hydroxide**

**Grade:** ACS

**Catalog number:** 282000ACS

Test	Mono-graph	Specification	Typical Result
Appearance	ACS	Passes Test	Pass
Assay (NH <sub>3</sub> , w/w)	ACS	28.0 - 30.0%	28.70 %
Chloride (Cl)	ACS	0.5 ppm max.	LT 0.5 ppm
Carbon Dioxide (CO <sub>2</sub> )	ACS	0.002% max.	LT 0.002%
Iron (Fe)	ACS	0.2 ppm max.	LT 0.2 ppm
Nitrate (NO <sub>3</sub> )	ACS	2 ppm max.	LT 2 ppm
Heavy Metals (by ICP-OES)	ACS	0.5 ppm max.	LT 0.5 ppm
Phosphate (PO <sub>4</sub> )	ACS	2 ppm max.	LT 2 ppm
Residue after Ignition	ACS	0.002% max.	LT 0.002%
Sulfate (SO <sub>4</sub> )	ACS	2 ppm max.	LT 2 ppm
Substances Reducing Permanganate	ACS	Passes Test	Pass

**Certification and Compliance Statements**

This product complies with all of the current requirements listed in the American Chemical Society monograph.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

Greenfield products are for further commercial manufacturing, laboratory use, or research. Greenfield is not registered with the United States Food and Drug Administration (FDA) as a drug manufacturing facility. Greenfield products are not registered with the FDA as active pharmaceutical ingredients in drug manufacturing.

Appropriate/legal use of all products are the responsibility of the user and subject to applicable local laws and regulations.