

**Product Name:** Ammonium hydroxide, ACS, 28.0-30.0% NH<sub>3</sub>, Thermo Scientific Chemicals

**Catalog Number:** 033285.30

**CAS Number:** 1336-21-6

**IUPAC Name:** amine hydrate

**Molecular Formula:** H<sub>5</sub>NO

**Molecular Weight:** 35.05

**MDL Number:** MFCD00066650

**InChI Key:** VHUUQVKOLVNVRT-UHFFFAOYSA-N

**SMILES:** N.O

**Synonym:** ammonium hydroxide

## Product Specification

**Appearance (Color):** Colorless

**Form:** Liquid

**Impurity content:** Cl 0.5ppm

**Impurity content:** CO<sub>2</sub> 0.002%

**Impurity content:** Fe 0.2ppm

**Impurity content:** PO<sub>4</sub> 2ppm

**Impurity content:** Substances reducing permanganate P.T.

**Trace Metals:** (as Pb) 0.5ppm

**Impurity content:** Sulfate (SO<sub>4</sub>) 2ppm

**Impurity content:** NO<sub>3</sub> 2ppm

**Assay (unspecified):** 28.0-30.0% NH<sub>3</sub>

**Residue on ignition:** 0.002%

**Date Of Print:** 05/12/2024

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*