



Specification

Church & Dwight Co., Inc. Arm & Hammer™ Ammonium Bicarbonate FCC (Untreated)

Analysis (Meets Food Chemical Codex, FCC, requirements)

Description	Ammonium Bicarbonate appears as white crystals or a crystalline powder. It volatilizes rapidly at 60°C, dissociating into ammonia, carbon dioxide, and water, but it is quite stable at room temperature. One-gram dissolves in about 6 ml of water. It is insoluble in alcohol.
Identification	Passes test for Ammonium and Bicarbonate.
Assay	Not less than 99.0% and not more than 100.5% of NH ₄ HCO ₃
Chloride	Not more than 0.003%
Lead	Not more than 2mg/Kg
Nonvolatile Residue	Not more than 0.05%
Sulfate	Not more than 0.007%

General Properties (Not Specifications)

Ammonia (Calculated)	Not less than 21.1% of NH ₃
Carbon Dioxide (Calculated)	Not less than 55.0% of CO ₂
Manufacturing Location	Ludwigshafen, Germany

Reviewed January 1, 2026, MM