

5003 – AMMONIUM CHLORIDE, (FOOD GRADE)

REF NO: TBL/QA/SS/F/5003	STANDARD SPECIFICATION FOR AMMONIUM CHLORIDE (FOOD GRADE)	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: 5003

PRODUCT PROPERTIES

C.A.S Number	NA
Chemical Formula	NA
Formula weight	NA
Functional Uses	Ammonium chloride is used as food additive and working as a yeast nutrient in bread making and as an acidifier.
Standard Packaging	50 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless crystals, or a white, fine or coarse, crystalline powder; somewhat hygroscopic.
Solubility	Freely soluble in water, sparingly soluble in ethanol.
Test for ammonium	Passes test.
Test for chloride	Passes test.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1 in 20 soln.)	4.5 – 6.0
Loss on drying (over silica gel, 4 h)	NMT – 2.0%
Sulfated ash	NMT – 0.5%
Lead (Pb)	NMT – 2 mg/kg
Assay (ODB)	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

