

TMB 009 – AMMONIUM CHLORIDE

REF NO: TBL/QA/SS/LC/TMB 009	STANDARD SPECIFICATION FOR AMMONIUM CHLORIDE	Rev. No: 03
Issue No: 04		Review Date: 06/02/2025
Issue Date: 07/02/2022		Product code: TMB 009

PRODUCT PROPERTIES

C.A.S Number	12125-02-9
Chemical Formula	NH ₄ CL
Formula weight	53.49
Functional Uses	Ammonium chloride has been used as an inhibitor of endosome acidification in vero cells
Standard Packaging	500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.
Solubility	10% solution in water is clear and colourless.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% soln. at 25°C)	4.5 – 6.0
Heavy Metal (Pb)	NMT – 0.0002%
Sulphate (SO ₄)	NMT – 0.002%
Iron (Fe)	NMT – 0.0001%
Phosphate (PO ₄)	NMT – 0.0002%
DNase, RNase, Protease	None detected
Assay	NLT – 99.0%

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