

Certificate of Analysis

Product Name: ChemiPURE Ammonium Chloride, ≥ 99.5%

Product Code: ACH05

Batch / Lot Number: 202607KL

Expiry Date: 2030-02-28

Storage Temperature: Store between 15°C and 25°C.

Quality Release Date: 2026-09-25

Brand: EcoTech Biotechnology

Test	Specification	Result
Appearance	White crystalline powder or colorless crystals	Conforms
Odor	Odorless	Conforms
Assay (NH ₄ Cl)	≥ 99.5%	99.5 %
Solubility	Freely soluble in water; slightly soluble in alcohol	Conforms
Loss on Drying (at 105 °C)	≤ 0.5%	0.1 %
Insoluble matter	≤ 0.005%	Conforms
Residue after ignition	≤ 0.01%	Conforms
Chloride (Cl ⁻)	Passes test	Conforms
Phosphate (PO ₄ ³⁻)	≤ 0.001%	Conforms
Heavy metals (as Pb)	≤ 0.0005%	Conforms
Iron (Fe)	≤ 0.0005%	0.0002 %
pH (5% solution)	4.5-6.0	Conforms

Approved by: Elanur Aydın

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