

CERTIFICATE OF ANALYSIS

Document #: ENJ531023 | Issue Date: 14/09/2026

Product Name:	AMMONIUM CHLORIDE (NH ₄ CL)	Batch Size:	4829 KG
Category:	FEED GRADE	Batch No.:	INTJ2606013
Packing Size:	25 KG	Production Date:	09/2026
Origin:	JORDAN	Expiry Date:	09/2029

Product Name	Ammonium chloride
CAS No.	12125-02-9
Molecular Formula	ClH ₄ N
Molecular Weight	53.49
Storage	Store at RT
Revision Date	2026-04-15

ANALYTICAL INFORMATION

TESTS

SPECIFICATIONS

Solubility	H ₂ O: 1 M at 20 °C, clear, colorless
pH	4.7 (200 g/L, H ₂ O, 25 °C) (External MSDS)
Specification Reference	Molecular biology grade, suitable for cell culture
Anion	Sulphate (SO ₄): ≤0.002%; Phosphate (PO ₄): ≤0.0002%
Appearance	White crystalline powder
Assay by titration	≥ 99% (ex Cl)
Solubility (Turbidity)	Clear solution (10% aq. solution)
Heavy Metals	≤0.0002% (as Pb)
UV	Absorbance (A) of 1 M aq. solution in a 1 cm cell v/s H ₂ O: At 260 nm: ≤0.02; At 280 nm: ≤0.02
RNase, DNase, Protease	Not detected
Additional Information	Loss on ignition: ≤0.01%; Pyridine and homologues: ≤0.001%; For Laboratory Use Only
Cation	Iron (Fe): ≤0.0001%; Copper (Cu): ≤0.0002%
MS	Pass test
IR	Pass test

