SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS

Ammonium bicarbonate AR (Ammonium hydrogen carbonate)

CAS No.	1066-33-7
Molecular Formula	NH4HCO3
Molecular Weight	79.06
Product Code	700019G500
Specification no.	S/0019/70/R1
Effective date	01/05/2026.
Review date	30/04/2031.

TEST	SPECIFICATION
Description	White crystalline powder with a ammonical odour
Solubility	10% aq. solution is clear and colourless.
Assay	Min. 99.00%
Insoluable matter	max 0.003%
Chloride (Cl)	max 0.0002%
Phosphate (PO4)	max 0.001%
Sulphate (SO4)	max 0.001%
Arsenic (As)	max 0.005%
Calcium (Ca)	max 0.002%
Copper (Cu)	max 0.0002%
Iron (Fe)	max 0.0001%
Lead (Pb)	max 0.0002%
Magnesium (Mg)	max 0.002%