SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS	
Aluminium ammonium sulphate dodecahydrate AR	
CAS No	7784-26-1
Molecular Formula	AlNH4(SO4)2. 12H2O
Molecular Weight	453.31
Product Code	710009G500
Grade	AR
Specification no	710009/R1/147
Effective date	19-01-2026
Review date	18-01-2031

TEST	SPECIFICATION
Appearance	Colourless crystals or white crystalline powder.
Appearance of solution	Solution of 5 g in 50 ml of water is almost clear and colourless.
Assay	Min. 99.5%
pH (5 % aqueous solution)	approx 3
Insoluble impurities	Max. 0.005%
Chloride (Cl)	Max. 0.002%
Nitrate (NO3)	Max. 0.001%
Phosphate (PO4)	Max. 0.001%
Silicate (SiO2)	Max. 0.001%
Potassium (K)	Max. 0.02%
Sodium (Na)	Max. 0.005%
Iron (Fe)	Max. 0.0005%
Arsenic (As)	Max. 0.00005%
Heavy metals (as Pb)	Max. 0.0005%

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