SPECIFICATION SHEET

Ryze Chemie

PRODUCT DETAILS

Aluminium nitrate nonahydrate AR/ACS

CAS No.	7784-27-2
Molecular Formula	Al(NO3)3.9H2O
Molecular Weight	375.14
Product Code	700011G500
Grade	AR/ACS
Specification no.	S/0011/70/R1
Effective date	01/02/2026.
Review date	31/01/2031.

TEST	SPECIFICATION
Description	Colourless, deliquescent solid.
Aqueous Solubility	64g in 100ml at 25°C
Assay	98.0 - 102.0%
Insoluble matter	max 0.005%
Chloride (Cl)	max 0.001%
Sulphate (SO4)	max 0.005%
Calcium (Ca)	max 0.005%
Magnesium (Mg)	max 0.001%.
Potassium (K)	max 0.002%
Sodium (Na)	max 0.005%
Heavy metals	max 0.001%.
Iron (Fe)	max 0.002%