

SPECIFICATION

Aluminium Nitrate Nonahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay $[\text{Al}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}]$	min.98.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/L solution at 25°C	2.0~4.0
Chloride (Cl)	max.0.001%(mass/mass)
Sulfate (SO_4)	max.0.005%(mass/mass)
Sodium (Na)	max.0.02%(mass/mass)
Potassium (K)	max.0.002%(mass/mass)
Copper (Cu)	max.5ppm(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Iron (Fe)	max.0.002%(mass/mass)
Ammonium (NH_4)	max.0.005%(mass/mass)

JIS K 8544:2021(*:Additional test performed by Wako but not required by JIS)