

SPECIFICATION

Ammonium Chloride

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay (NH ₄ Cl)	min.99.5%(mass/mass)
Solubility in water	to pass test
Residue after ignition (as sulfate)	max.0.01%(mass/mass)
pH of a 50g/l solution at 25°C	4.5~5.5
Nitrate	to pass test
Phosphate (PO ₄)	max.2ppm(mass/mass)
Sulfate (SO ₄)	max.0.001%(mass/mass)
Sodium (Na)	max.0.005%(mass/mass)
Potassium (K)	max.0.005%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Magnesium (Mg)	max.5ppm(mass/mass)
Calcium (Ca)	max.0.001%(mass/mass)
Lead (Pb)	max.2ppm(mass/mass)
Iron (Fe)	max.2ppm(mass/mass)

JIS K 8116:2006*:Additional test performed by Wako but not required by JIS