

## SPECIFICATION

## Ammonium Nitrate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance Assay (NH <sub>4</sub> NO <sub>3</sub> ) Solubility in water Residue after ignition (as sulfate) pH of a 50g/l solution at 25°C Chloride (Cl) Nitrite (NO <sub>2</sub> ) Phosphate (PO <sub>4</sub> ) Sulfate (SO <sub>4</sub> ) Copper (Cu) Calcium (Ca) Lead (Pb) Iron (Fe)	White, crystals ~ crystalline powder min.99.0%(mass/mass) to pass test max.0.01%(mass/mass) 4.5~6.0 max.3ppm(mass/mass) max.2ppm(mass/mass) max.2ppm(mass/mass) max.0.002%(mass/mass) max.2ppm(mass/mass) max.0.001%(mass/mass) max.3ppm(mass/mass) max.2ppm(mass/mass)

JIS K 8545:2007(\*:Additional test performed by Wako but not required by JIS)