

## SPECIFICATION

## Ammonium Carbonate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder or mass
Assay (as NH <sub>3</sub> )	min.30.0%(mass/mass)
Solubility in water	to pass test
Residue after ignition (as sulfate)	max.0.005%(mass/mass)
Chloride (Cl)	max.3ppm(mass/mass)
Nitrate	to pass test
Sulfur compounds (as SO <sub>4</sub> )	max.0.002%(mass/mass)
Phosphate (PO <sub>4</sub> )	max.0.001%(mass/mass)
Sodium (Na)	max.0.001%(mass/mass)
Potassium (K)	max.5ppm(mass/mass)
Copper (Cu)	max.1ppm(mass/mass)
Magnesium (Mg)	max.5ppm(mass/mass)
Calcium (Ca)	max.0.001%(mass/mass)
Zinc (Zn)	max.0.002%(mass/mass)
Lead (Pb)	max.1ppm(mass/mass)
Iron (Fe)	max.4ppm(mass/mass)

JIS K 8613:2021(\*:Additional test performed by Wako but not required by JIS)