

## SPECIFICATION

## Ammonium Thiocyanate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay (NH <sub>4</sub> SCN)	min.98.0%(mass/mass)
Solubility in water	to pass test
Solubility in ethanol	to pass test
Residue after ignition (as sulfate)	max.0.02%(mass/mass)
pH of a 50g/l solution at 25°C	4.5~6.0
Chloride (Cl)	max.0.004%(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.003%(mass/mass)
Sulfide (S)	max.0.001%(mass/mass)
Copper (Cu)	max.3ppm(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Iron (Fe)	max.1ppm(mass/mass)
Iodine-consuming substances (as I)	max.0.025%(mass/mass)

JIS K 9000:2008

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