

## SPECIFICATION

## Potassium Nitrate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White crystals
Assay (KNO <sub>3</sub> )	min.99.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/l solution at 25°C	5.0~8.0
Chloride (Cl)	max.0.001%(mass/mass)
Iodate and nitrite	to pass test
Phosphate (PO <sub>4</sub> )	max.5ppm(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.003%(mass/mass)
Sodium (Na)	max.0.005%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Calcium (Ca)	max.0.001%(mass/mass)
Lead (Pb)	max.3ppm(mass/mass)
Iron (Fe)	max.3ppm(mass/mass)
Ammonium (NH <sub>4</sub> )	max.0.001%(mass/mass)

JIS K 8548:2007(\*:Additional test performed by Wako but not required by JIS)