

## SPECIFICATION

## Potassium Sulfate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ powder
Assay (K <sub>2</sub> SO <sub>4</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.5ppm(mass/mass)
Phosphate (PO <sub>4</sub> )	max.5ppm(mass/mass)
Nitrogen compounds (as N)	max.5ppm(mass/mass)
Sodium (Na)	max.0.02%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Calcium (Ca)	max.0.001%(mass/mass)
Lead (Pb)	max.2ppm(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.3ppm(mass/mass)

JIS K 8962:2008(\*:Additional test performed by Wako but not required by JIS)