

SPECIFICATION

Potassium Chloride

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay (KCl)	min.99.5%(mass/mass)
Solubility in water	to pass test
Loss on drying at 110°C	max.0.1%(mass/mass)
pH of a 50g/l solution at 25°C	5.0~8.0
Bromide	to pass test
Iodide	to pass test
Phosphate (PO ₄)	max.5ppm(mass/mass)
Sulfate (SO ₄)	max.0.002%(mass/mass)
Nitrogen compounds (as N)	max.0.001%(mass/mass)
Sodium (Na)	max.0.02%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Magnesium (Mg)	max.0.002%(mass/mass)
Calcium (Ca)	max.0.002%(mass/mass)
Barium (Ba)	max.0.001%(mass/mass)
Lead (Pb)	max.2ppm(mass/mass)
Iron (Fe)	max.2ppm(mass/mass)

JIS K 8121:2007*:Additional test performed by Wako but not required by JIS