SPECIFICATION

Potassium Chloride

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals \sim crystalline powder
Assay (KCI)	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 (Br)	max.0.01%(mass/mass)
lodide (I)	max.0.002%(mass/mass)
Phosphate (PO4)	max.5ppm(mass/mass)
Sulfate (SO4)	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 8121:2023(*:Additional test performed by Wako but not required by JIS)

(1 / 1) revised on 2023/08/08