

SPECIFICATION

Potassium Carbonate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance Assay (K ₂ CO ₃) (after ignition) Solubility in water Loss on ignition (650°C) Chloride (Cl) Phosphate (PO ₄) Silicate (as SiO ₂) Sulfate (SO ₄) Nitrogen compounds (as N) Sodium (Na) Copper (Cu) Magnesium (Mg) Calcium (Ca) Zinc (Zn) Lead (Pb) Iron (Fe)	White, granules ~ powder min.99.5%(mass/mass) to pass test max.1.5%(mass/mass) max.0.003%(mass/mass) max.0.002%(mass/mass) max.0.005%(mass/mass) max.0.003%(mass/mass) max.0.001%(mass/mass) max.0.05%(mass/mass) max.5ppm(mass/mass) max.5ppm(mass/mass) max.0.001%(mass/mass) max.2ppm(mass/mass) max.5ppm(mass/mass) max.5ppm(mass/mass)

JIS K 8615:2022(*:Additional test performed by Wako but not required by JIS)