

SPECIFICATION

Potassium Hydroxide

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White shot
Assay (KOH)	min.85.0%(mass/mass)
Potassium carbonate (K ₂ CO ₃)	max.1.0%(mass/mass)
Solubility in water	to pass test
Chloride (Cl)	max.0.005%(mass/mass)
Phosphate (PO ₄)	max.5ppm(mass/mass)
Silicate (as SiO ₂)	max.0.002%(mass/mass)
Sulfate (SO ₄)	max.0.002%(mass/mass)
Nitrogen compounds (as N)	max.0.001%(mass/mass)
Sodium (Na)	max.0.5%(mass/mass)
Magnesium (Mg)	max.5ppm(mass/mass)
Calcium (Ca)	max.0.001%(mass/mass)
Zinc (Zn)	max.0.001%(mass/mass)
Aluminium (Al)	max.0.001%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Nickel (Ni)	max.0.001%(mass/mass)

JIS K 8574:2013(Amendment 1)(* :Additional test performed by Wako but not required by JIS)