

SPECIFICATION

Potassium Periodate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay (KIO ₄)	99.5~100.3%(mass/mass)
Solubility in water	to pass test
pH of a 5g/l solution at 25°C	4.5~5.5
Chlorine compounds and bromine compounds (as Cl)	max.0.01%(mass/mass)
Iodide (I)	max.0.001%(mass/mass)
Sulfate (SO ₄)	max.0.005%(mass/mass)
Nitrogen compounds (as N)	max.0.005%(mass/mass)
Heavy metals (as Pb)	max.0.002%(mass/mass)
Sodium (Na)	max.0.002%(mass/mass)
Manganese (Mn)	max.1ppm(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)

JIS K 8249:2010(*:Additional test performed by Wako but not required by JIS)