

## SPECIFICATION

## Potassium Iodate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ powder
Assay (KIO <sub>3</sub> )	min.99.7%(mass/mass)
Solubility in water	to pass test
Loss on drying at 105°C	max.0.05%(mass/mass)
pH of a 50g/l solution at 25°C	5.0~8.0
Chloride, chlorate, bromide and bromate (as Cl)	max.0.02%(mass/mass)
Iodide (I)	max.0.002%(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.005%(mass/mass)
Nitrogen compounds (as N)	max.0.002%(mass/mass)
Heavy metals (as Pb)	max.5ppm(mass/mass)
Sodium (Na)	max.0.005%(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)

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\*:Additional test performed by Wako but not required by JIS