

SPECIFICATION

Potassium Iodate

Reference Material for Volumetric Analysis

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay	min.99.95%(mass/mass)
Solubility in water	to pass test
pH of a 50g/L solution at 25°C	5.0~8.0
Chlorine compounds and bromine compounds (as Cl)	max.0.001%(mass/mass)
Iodide (I)	max.2ppm(mass/mass)
Nitrate (NO ₃)	max.5ppm(mass/mass)
Sulfate (SO ₄)	max.0.001%(mass/mass)
Sodium (Na)	max.0.005%(mass/mass)
Copper (Cu)	max.1ppm(mass/mass)
Lead (Pb)	max.1ppm(mass/mass)
Iron (Fe)	max.1ppm(mass/mass)
Ammonium (NH ₄)	max.5ppm(mass/mass)

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