

SPECIFICATION

Sodium Perchlorate Monohydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder or mass
Assay ($\text{NaClO}_4 \cdot \text{H}_2\text{O}$)	min.98.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/l solution at 25°C	4.5~7.5
Chloride and chlorate (as Cl)	max.0.002%(mass/mass)
Sulfate (SO_4)	max.0.002%(mass/mass)
Nitrogen compounds (as N)	max.0.002%(mass/mass)
Potassium (K)	max.0.005%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Calcium (Ca)	max.0.002%(mass/mass)
Lead (Pb)	max.2ppm(mass/mass)
Iron (Fe)	max.3ppm(mass/mass)

JIS K 8227:2010*:Additional test performed by Wako but not required by JIS