

SPECIFICATION

Sodium Sulfate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay (Na ₂ SO ₄)	min.99.0%(mass/mass)
Solubility in water	to pass test
Ethanol-soluble matter	max.0.05%(mass/mass)
Loss on ignition at 600°C	max.0.5%(mass/mass)
pH of a 50g/l solution at 25°C	5.0~8.0
Chloride (Cl)	max.5ppm(mass/mass)
Phosphate (PO ₄)	max.0.002%(mass/mass)
Nitrogen compounds (as N)	max.5ppm(mass/mass)
Potassium (K)	max.0.01%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Calcium (Ca)	max.0.002%(mass/mass)
Zinc (Zn)	max.2ppm(mass/mass)
Lead (Pb)	max.2ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)

JIS K 8987:2022(*:Additional test performed by Wako but not required by JIS)