

## SPECIFICATION

## Sodium Sulfate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay (Na <sub>2</sub> SO <sub>4</sub> )	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 <sub>4</sub> )	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)