

SPECIFICATION

Sodium Thiosulfate Pentahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay ($\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$)	min.99.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/l solution at 25°C	6.0~8.4
Chloride (Cl)	max.0.001%(mass/mass)
Sulfate and sulfite (as SO_4)	max.0.05%(mass/mass)
Sulfide (S)	max.2.5ppm(mass/mass)
Nitrogen compounds (as N)	max.0.002%(mass/mass)
Potassium (K)	max.0.01%(mass/mass)
Copper (Cu)	max.5ppm(mass/mass)
Magnesium (Mg)	max.0.001%(mass/mass)
Calcium (Ca)	max.0.002%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)

JIS K 8637:2006(*:Additional test performed by Wako but not required by JIS)