

SPECIFICATION

Disodium Tetraborate Decahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay (Na ₂ B ₄ O ₇ ·10H ₂ O)	99.5~101.0%(mass/mass)
Solubility in water	to pass test
pH of a 40g/L solution at 25°C	9.0~9.6
Chloride (Cl)	max.5ppm(mass/mass)
Nitrate	to pass test
Phosphate (PO ₄)	max.0.001%(mass/mass)
Sulfate (SO ₄)	max.0.003%(mass/mass)
Copper (Cu)	max.5ppm(mass/mass)
Calcium (Ca)	max.0.001%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.2ppm(mass/mass)
Iron (Fe)	max.3ppm(mass/mass)

JIS K 8866:2024(*:Additional test performed by Wako but not required by JIS)