

SPECIFICATION

Sodium Carbonate Decahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay ($\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$)	99.0~101.0%(mass/mass)
Solubility in water	to pass test
Sulfide, sulfite and thiosulfate	to pass test
Chloride (Cl)	max.0.001%(mass/mass)
Phosphate (PO_4)	max.5ppm(mass/mass)
Silicate (as SiO_2)	max.0.001%(mass/mass)
Sulfate (SO_4)	max.0.001%(mass/mass)
Nitrogen compounds (as N)	max.5ppm(mass/mass)
Potassium (K)	max.0.005%(mass/mass)
Copper (Cu)	max.1ppm(mass/mass)
Magnesium (Mg)	max.2ppm(mass/mass)
Calcium (Ca)	max.0.002%(mass/mass)
Zinc (Zn)	max.1ppm(mass/mass)
Aluminium (Al)	max.5ppm(mass/mass)
Lead (Pb)	max.1ppm(mass/mass)
Iron (Fe)	max.3ppm(mass/mass)

JIS K 8624:2006

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