

SPECIFICATION

Sodium Hydrogen Carbonate
for pH Standard Solution

REQUIREMENT	SPECIFICATION
* Appearance	White crystalline powder
Assay (NaHCO ₃) (after drying)	99.7~100.0%(mass/mass)
Solubility in water	to pass test
Loss on drying	max.0.1%(mass/mass)
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.0.003%(mass/mass)
Nitrogen compounds (as N)	max.5ppm(mass/mass)
Potassium (K)	max.0.005%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Magnesium (Mg)	max.5ppm(mass/mass)
Calcium (Ca)	max.0.005%(mass/mass)
Zinc (Zn)	max.2ppm(mass/mass)
Lead (Pb)	max.2ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Substances reducing iodine	to pass test

JIS K 8622:2022(*:Additional test performed by Wako but not required by JIS)