

SPECIFICATION

Sodium Carbonate

Reference Material for Volumetric Analysis

REQUIREMENT	SPECIFICATION
* Appearance	White powder
Assay	min.99.97%(mass/mass)
Solubility in water	to pass test
Loss on ignition	max.1.0%(mass/mass)
Sulfide, sulfite and thiosulfate	to pass test
Chloride (Cl)	max.0.001%(mass/mass)
Nitrate (NO ₃)	max.0.001%(mass/mass)
Phosphate (PO ₄)	max.2ppm(mass/mass)
Silicate (as SiO ₂)	max.0.001%(mass/mass)
Sulfate (SO ₄)	max.0.001%(mass/mass)
Potassium (K)	max.0.001%(mass/mass)
Copper (Cu)	max.1ppm(mass/mass)
Magnesium (Mg)	max.5ppm(mass/mass)
Calcium (Ca)	max.0.003%(mass/mass)
Lead (Pb)	max.1ppm(mass/mass)
Iron (Fe)	max.1ppm(mass/mass)

JIS K 8005:2006

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