

Code No.19-1886

# SPECIFICATION

## Sodium Hydroxide

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White shot
Assay (NaOH)	min.97.0%(mass/mass)
Sodium carbonate (Na <sub>2</sub> CO <sub>3</sub> )	max.1.0%(mass/mass)
Solubility in water	to pass test
Chloride (Cl)	max.0.005%(mass/mass)
Phosphate (PO <sub>4</sub> )	max.0.001%(mass/mass)
Silicate (as SiO <sub>2</sub> )	max.0.01%(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.005%(mass/mass)
Nitrogen compounds (as N)	max.0.001%(mass/mass)
Potassium (K)	max.0.05%(mass/mass)
Magnesium (Mg)	max.5ppm(mass/mass)
Calcium (Ca)	max.0.002%(mass/mass)
Zinc (Zn)	max.0.001%(mass/mass)
Aluminium (Al)	max.0.002%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Nickel (Ni)	max.0.001%(mass/mass)

JIS K 8576:2019(\*:Additional test performed by Wako but not required by JIS)