

## SPECIFICATION

Benzoic Acid  
Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance Assay (C <sub>7</sub> H <sub>6</sub> O <sub>2</sub> ) (volumetric titration) Solubility in ammonia solution Solubility in ethanol Melting point Residue after ignition (as sulfate) Chlorine compounds (as Cl) Sulfur compounds (as SO <sub>4</sub> ) Heavy metals (as Pb) Iron (Fe) Substances reducing permanganate (as O)	White, crystals ~ crystalline powder min.99.5%(mass/mass) to pass test to pass test 121~124°C max.0.005%(mass/mass) max.0.005%(mass/mass) max.0.003%(mass/mass) max.5ppm(mass/mass) max.5ppm(mass/mass) max.0.01%(mass/mass)

JIS K 8073:2017

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