

SPECIFICATION

Disodium Hydrogenphosphate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay (Na ₂ HPO ₄) (after drying at 110°C)	min.99.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/L solution at 25°C	8.7~9.3
Loss on drying at 110°C	max.1.0%(mass/mass)
Chloride (Cl)	max.0.002%(mass/mass)
Nitrate	to pass test
Condensed phosphate	to pass test
Sulfate (SO ₄)	max.0.005%(mass/mass)
Calcium (Ca)	max.0.03%(mass/mass)
Lead (Pb)	max.0.002%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.0.002%(mass/mass)
Ammonium (NH ₄)	max.0.002%(mass/mass)

JIS K 9020:2021(*:Additional test performed by Wako but not required by JIS)