

## SPECIFICATION

## Disodium Hydrogenphosphate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay (Na <sub>2</sub> HPO <sub>4</sub> ) (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	8.9~9.3
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 <sub>4</sub> )	max.0.005%(mass/mass)
Heavy metals (as Pb)	max.0.002%(mass/mass)
Calcium (Ca)	max.0.03%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.0.002%(mass/mass)
Ammonium (NH <sub>4</sub> )	max.0.002%(mass/mass)

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