

## SPECIFICATION

## Sodium Dihydrogenphosphate Dihydrate

## Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay (NaH <sub>2</sub> PO <sub>4</sub> ·2H <sub>2</sub> O)	99.0~102.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/l solution at 25°C	4.1~4.5
Chloride (Cl)	max.0.001%(mass/mass)
Nitrate	to pass test
Sulfate (SO <sub>4</sub> )	max.0.005%(mass/mass)
Heavy metals (as Pb)	max.0.001%(mass/mass)
Calcium (Ca)	max.0.02%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Ammonium (NH <sub>4</sub> )	max.0.002%(mass/mass)

JIS K 9009:2012

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