

Code No.19-0281

## SPECIFICATION

## Sodium Dihydrogenphosphate Dihydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay ( $\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$ )	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 ( $\text{SO}_4$ )	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 ( $\text{NH}_4$ )	max.0.002%(mass/mass)

JIS K 9009:2012

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