

SPECIFICATION

Disodium Hydrogenphosphate Dodecahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White crystals
Assay ($\text{Na}_2\text{HPO}_4 \cdot 12\text{H}_2\text{O}$)	min.99.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/L solution at 25°C	9.0~9.4
Chloride (Cl)	max.0.001%(mass/mass)
Nitrate	to pass test
Sulfate (SO_4)	max.0.005%(mass/mass)
Potassium (K)	max.0.01%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.5ppm(mass/mass)
Ammonium (NH_4)	max.0.001%(mass/mass)

JIS K 9019:2021(*:Additional test performed by Wako but not required by JIS)