

SPECIFICATION

Sodium Diphosphate Decahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	White, crystals ~ crystalline powder
Assay ($\text{Na}_4\text{P}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$)	min.99.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/l solution at 25°C	10.0~10.7
Chloride (Cl)	max.0.001%(mass/mass)
Nitrate	to pass test
Orthophosphate	to pass test
Sulfate (SO_4)	max.0.005%(mass/mass)
Heavy metals (as Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Ammonium (NH_4)	max.0.001%(mass/mass)

JIS K 8785:2012(*:Additional test performed by Wako but not required by JIS)