

SPECIFICATION

Sodium Dihydrogenphosphate Dihydrate

for RoHS

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 (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 (NH_4)	max.0.002%(mass/mass)
Cadmium (Cd) (RoHS)	max.10ppm
Mercury (Hg) (RoHS)	max.10ppm
Lead (Pb) (RoHS)	max.100ppm
Chromium (Cr) (RoHS)	max.10ppm
Brominated flame retardants (as Br) (RoHS)	max.1ppm