

SPECIFICATION

Disodium Hydrogenphosphate

for RoHS

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Assay (Na ₂ HPO ₄) (after drying at 110°C)	min.99.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/l solution at 25°C	8.9~9.3
Loss on drying at 110°C	max.1.0%(mass/mass)
Chloride (Cl)	max.0.002%(mass/mass)
Nitrate	to pass test
Condensed phosphate	to pass test
Sulfate (SO ₄)	max.0.005%(mass/mass)
Heavy metals (as Pb)	max.0.002%(mass/mass)
Calcium (Ca)	max.0.03%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.0.002%(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