

SPECIFICATION

Potassium Dihydrogen Phosphate
for RoHS

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Assay (KH ₂ PO ₄)	min.99.5%(mass/mass)
Solubility in water	to pass test
Loss on drying at 105°C	max.0.2%(mass/mass)
pH of a 50g/l solution at 25°C	4.2~4.5
Chloride (Cl)	max.5ppm(mass/mass)
Nitrate	to pass test
Sulfate (SO ₄)	max.0.003%(mass/mass)
Heavy metals (as Pb)	max.0.001%(mass/mass)
Sodium (Na)	max.0.02%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Ammonium (NH ₄)	max.0.001%(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