

SPECIFICATION

Boric Acid

for RoHS

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Assay (H ₃ BO ₃)	min.99.5%(mass/mass)
Solubility in water	to pass test
Solubility in ethanol	to pass test
Residue after ignition with methanol (as sulfate)	max.0.02%(mass/mass)
Chloride (Cl)	max.2ppm(mass/mass)
Phosphate (PO ₄)	max.5ppm(mass/mass)
Sulfate (SO ₄)	max.0.001%(mass/mass)
Calcium (Ca)	max.0.001%(mass/mass)
Lead (Pb)	max.5ppm(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Iron (Fe)	max.2ppm(mass/mass)
Cadmium (Cd) (RoHS)	max.10ppm
Mercury (Hg) (RoHS)	max.10ppm
Lead (Pb) (RoHS)	max.5ppm
Chromium (Cr) (RoHS)	max.10ppm
Brominated flame retardants (as Br) (RoHS)	max.1ppm