

## SPECIFICATION

## Oxalic Acid Dihydrate

for RoHS

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ crystalline powder
Assay [(COOH) <sub>2</sub> ·2H <sub>2</sub> O]	99.5~102.0%(mass/mass)
Solubility in water	to pass test
Residue after ignition (as sulfate)	max.0.01%(mass/mass)
Chloride (Cl)	max.5ppm(mass/mass)
Sulfate (SO <sub>4</sub> )	max.0.005%(mass/mass)
Nitrogen compounds (as N)	max.0.001%(mass/mass)
Copper (Cu)	max.2ppm(mass/mass)
Magnesium (Mg)	max.2ppm(mass/mass)
Calcium (Ca)	max.2ppm(mass/mass)
Lead (Pb)	max.2ppm(mass/mass)
Iron (Fe)	max.2ppm(mass/mass)
Substances darkened by sulfuric acid	to pass test
Cadmium (Cd) (RoHS)	max.10ppm
Mercury (Hg) (RoHS)	max.10ppm
Lead (Pb) (RoHS)	max.2ppm
Chromium (Cr) (RoHS)	max.10ppm
Brominated flame retardants (as Br) (RoHS)	max.1ppm