

## SPECIFICATION

Copper(II) Sulfate Pentahydrate  
for RoHS

REQUIREMENT	SPECIFICATION
Appearance	Blue, crystals ~ crystalline powder
Assay (CuSO <sub>4</sub> ·5H <sub>2</sub> O)	min.99.5%(mass/mass)
Solubility in water	to pass test
Chloride (Cl)	max.5ppm(mass/mass)
Nitrogen compounds (as N)	max.0.003%(mass/mass)
Sodium (Na)	max.0.005%(mass/mass)
Potassium (K)	max.0.001%(mass/mass)
Zinc (Zn)	max.0.002%(mass/mass)
Lead (Pb)	max.0.001%(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Nickel (Ni)	max.5ppm(mass/mass)
Cadmium (Cd) (RoHS)	max.10ppm
Mercury (Hg) (RoHS)	max.10ppm
Lead (Pb) (RoHS)	max.10ppm
Chromium (Cr) (RoHS)	max.10ppm
Brominated flame retardants (as Br) (RoHS)	max.1ppm