

## SPECIFICATION

## Iron(II) Sulfate Heptahydrate

for RoHSII

REQUIREMENT	SPECIFICATION
Appearance	Pale bluish green, crystals ~ crystalline powder
Assay (FeSO <sub>4</sub> ·7H <sub>2</sub> O)	99.0~102.0%(mass/mass)
Solubility in dil.sulfuric acid	to pass test
Chloride (Cl)	max.0.001%(mass/mass)
Phosphate (PO <sub>4</sub> )	max.0.001%(mass/mass)
Nitrogen compounds (as N)	max.0.001%(mass/mass)
Sodium (Na)	max.0.01%(mass/mass)
Potassium (K)	max.0.01%(mass/mass)
Copper (Cu)	max.0.002%(mass/mass)
Magnesium (Mg)	max.0.01%(mass/mass)
Calcium (Ca)	max.0.01%(mass/mass)
Zinc (Zn)	max.0.005%(mass/mass)
Lead (Pb)	max.0.002%(mass/mass)
Arsenic (As)	max.1ppm(mass/mass)
Manganese (Mn)	max.0.02%(mass/mass)
Iron(III) (Fe <sup>3+</sup> )	max.0.05%(mass/mass)
Cadmium (Cd) (RoHS)	max.10ppm
Mercury (Hg) (RoHS)	max.10ppm
Lead (Pb) (RoHS)	max.20ppm
Chromium (Cr) (RoHS)	max.10ppm
Brominated flame retardants (as Br) (RoHS)	max.1ppm
Diisobutyl phthalate (DIBP) (RoHS)	max.1ppm
Dibutyl phthalate (DBP) (RoHS)	max.1ppm
Butyl benzyl phthalate (BBP) (RoHS)	max.1ppm
Bis(2-ethylhexyl) phthalate (DEHP) (RoHS)	max.1ppm