

## SPECIFICATION

Nickel(II) Sulfate Hexahydrate  
for RoHSII

REQUIREMENT	SPECIFICATION
Appearance	Bluish green, crystals ~ crystalline powder
Assay (NiSO <sub>4</sub> · 6H <sub>2</sub> O)	99.0~102.0%(mass/mass)
Solubility in water	to pass test
Chloride (Cl)	max.0.001%(mass/mass)
Nitrogen compounds (as N)	max.0.002%(mass/mass)
Sodium (Na)	max.0.01%(mass/mass)
Potassium (K)	max.0.01%(mass/mass)
Copper (Cu)	max.0.001%(mass/mass)
Magnesium (Mg)	max.0.01%(mass/mass)
Calcium (Ca)	max.0.01%(mass/mass)
Zinc (Zn)	max.0.002%(mass/mass)
Lead (Pb)	max.0.001%(mass/mass)
Manganese (Mn)	max.0.001%(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Cobalt (Co)	max.0.03%(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
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