

SPECIFICATION

Nickel(II) Chloride Hexahydrate

for RoHSII

REQUIREMENT	SPECIFICATION
Appearance	Yellowish green ~ green, crystals ~ crystalline powder
Assay (NiCl ₂ ·6H ₂ O)	min.98.0%(mass/mass)
Solubility in dil.hydrochloric acid	to pass test
pH of a 50g/L solution at 25°C	4.5~6.0
Nitrate	to pass test
Sulfate (SO ₄)	max.0.005%(mass/mass)
Sodium (Na)	max.0.01%(mass/mass)
Potassium (K)	max.0.005%(mass/mass)
Copper (Cu)	max.0.001%(mass/mass)
Magnesium (Mg)	max.0.005%(mass/mass)
Calcium (Ca)	max.0.005%(mass/mass)
Zinc (Zn)	max.0.001%(mass/mass)
Cadmium (Cd)	max.5ppm(mass/mass)
Lead (Pb)	max.0.001%(mass/mass)
Manganese (Mn)	max.0.002%(mass/mass)
Iron (Fe)	max.0.002%(mass/mass)
Cobalt (Co)	max.0.01%(mass/mass)
Cadmium (Cd) (RoHS)	max.5ppm
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