

SPECIFICATION

Nickel(II) Chloride Hexahydrate

Guaranteed Reagent

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)

JIS K 8152:2018

*:Additional test performed by Wako but not required by JIS