

SPECIFICATION

Cobalt(II) Nitrate Hexahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Reddish brown, crystals ~ crystalline powder
Assay [Co(NO ₃) ₂ ·6H ₂ O]	min.98.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/L solution at 25°C	min.3.0
Chloride (Cl)	max.0.002%(mass/mass)
Sulfate (SO ₄)	max.0.01%(mass/mass)
Sodium (Na)	max.0.05%(mass/mass)
Potassium (K)	max.0.05%(mass/mass)
Copper (Cu)	max.0.001%(mass/mass)
Calcium (Ca)	max.0.005%(mass/mass)
Zinc (Zn)	max.0.002%(mass/mass)
Lead (Pb)	max.0.001%(mass/mass)
Manganese (Mn)	max.0.005%(mass/mass)
Iron (Fe)	max.0.002%(mass/mass)
Nickel (Ni)	max.0.05%(mass/mass)

JIS K 8552:2017(*:Additional test performed by Wako but not required by JIS)