

SPECIFICATION

Cobalt(II) Chloride Hexahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Purplish red ~ dark red, crystals ~ crystalline powder
Assay (CoCl ₂ ·6H ₂ O)	99.0~102.0%(mass/mass)
Solubility in water	to pass test
pH of a 50g/L solution at 25°C	3.0~6.0
Nitrate (NO ₃)	max.0.01%(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)
Magnesium (Mg)	max.0.002%(mass/mass)
Calcium (Ca)	max.0.005%(mass/mass)
Zinc (Zn)	max.0.002%(mass/mass)
Lead (Pb)	max.0.003%(mass/mass)
Manganese (Mn)	max.0.005%(mass/mass)
Iron (Fe)	max.0.005%(mass/mass)
Nickel (Ni)	max.0.05%(mass/mass)

JIS K 8129:2016(*:Additional test performed by Wako but not required by JIS)