

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)