

Code No.03-0441

## SPECIFICATION

## Copper(II) Sulfate Pentahydrate

Guaranteed Reagent

REQUIREMENT	SPECIFICATION
* Appearance	Blue, crystals ~ crystalline powder
Assay ( $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ )	min.99.5%(mass/mass)
Solubility in water	to pass test
Chloride (Cl)	max.5ppm(mass/mass)
Nitrogen compounds (as N)	max.0.003%(mass/mass)
Sodium (Na)	max.0.005%(mass/mass)
Potassium (K)	max.0.001%(mass/mass)
Zinc (Zn)	max.0.002%(mass/mass)
Lead (Pb)	max.0.001%(mass/mass)
Iron (Fe)	max.0.001%(mass/mass)
Nickel (Ni)	max.5ppm(mass/mass)

JIS K 8983:2016

(\*:Additional test performed by Wako but not required by JIS)