

## **COPPER SULPHATE PENTAHYDRATE** (Technical)

CHEMICAL FORMULA: CuSO<sub>4</sub>.5H<sub>2</sub>O

**DESCRIPTION:** A bright blue triclinic

crystal.

Grade - II: Granular

(2 mm to 4 mm crystals)



## **SPECIFICATIONS:**

PARAMETERS	OUR STANDARD
Assay as CuSO <sub>4</sub> .5H <sub>2</sub> O	98.2 % m /m min.
Total Copper content as 'Cu'	25.0 % m/m min.
Matter insoluble in water	0.2 % m/m max.
pH of 5 % solution	Not less than 3.0
Iron as 'Fe'	3000 ppm max.
Lead as 'Pb'	125 ppm max.
Arsenic as 'As'	25 ppm max.
Cadmium as 'Cd'	25 ppm max.
Chloride as 'Cl'	300 ppm max.

## **USES:**

- In manufacturing of Bordeaux Mixture which is used as fungicides in crop like coffee, Ginger, Olives, Grapes etc...
- As a floatation agent for separating various metals in mining industry
- As a textile mordant, in electroplating and dyes

## **PACKING:**

- LDPE lined HDPE bags of 25 kgs.
- As per customer's requirement in bulk bag up to 1 MT in big sack