

Copper sulfate Pentahydrate BP Specification

Sr.No	Test	Specification
1	Description	Blue, crystalline powder or transparent, blue crystals.
2	Solubility	Freely soluble in water, soluble in methanol, practically insoluble in ethanol (96 per cent)
3	Identification by Copper	It gives reaction of Copper.
4	Identification by Sulfates	It gives reaction of Sulfates.
5	Appearance of solution	Solution is clear
6	Chlorides	Not more than 100 ppm
7	Iron	Not more than 100 ppm
8	Cobalt	Not more than 1 ppm
9	Lead	Not more than 20 ppm
10	Nickel	Not more than 20 ppm
11	Assay on the dried basis	Not less than 99.00% to not more than 101.00%