

Magnesium Sulphate BP Specification

Sr.No	Test	Specification
1	Description	White or almost white, crystalline powder or brilliant, colourless crystals.
2	Solubility	Freely soluble in water, very soluble in boiling water, practically insoluble in ethanol (96 per cent).
3	Identification by Sulphate	It gives reaction of Sulphate.
4	Identification by Magnesium	It gives reaction of Magnesium.
5	Appearance of Solution	Solution is clear and colourless.
6	Acidity or Alkalinity	Passes test
7	Chlorides	Not more than 300 ppm
8	Iron	Not more than 20 ppm
9	Loss on Drying	48.0% to 52.0%
10	Assay (On dried substance)	Not less than 99.00% and not more than 100.50%