

Magnesium Sulphate USP Specification

Sr.No	Test	Specification
1	Description	Colourless crystals or a white, crystalline powder.
2	Solubility	Freely soluble in 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	Chloride	Not more than 0.014%
6	Iron	Not more than 20 ppm
7	Selenium	Not more than 30 ppm
8	pH	5.0 to 9.2
9	Loss on Ignition	40.0% to 52.0%
10	Assay (On dried basis)	Not less than 98.00% and not more than 102.00%