

Magnesium Sulphate IP 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	Appearance of Solution	Solution is clear and colourless.
6	Acidity or Alkalinity	Passes test
7	Arsenic	Not more than 2 ppm
8	Heavy Metals	Not more than 10 ppm
9	Iron	Not more than 200 ppm
10	Chlorides	Not more than 300 ppm
11	Loss on Drying	48.00% to 52.00%
12	Assay (On dried basis)	Not less than 99.00% and not more than 100.50%