

Magnesium Chloride USP Specification

Sr.No	Test	Specification
1	Description	Colourless crystals; hygroscopic.
2	Solubility	Very soluble in water; freely soluble in ethanol (96 per cent).
3	Identification by Chloride	It gives reaction of Chloride.
4	Identification by Magnesium	It gives reaction of Magnesium.
5	Insoluble Matter	Not more than 0.005%
6	Sulfate	Not more than 0.005%
7	Barium	Passes test
8	Calcium	Not more than 0.01%
9	Potassium	Passes test
10	Aluminium	Not more than 1 ppm
11	pH	4.5 to 7.0
12	Assay	Not less than 98.00% and not more than 101.00%