

Magnesium Citrate BP Specification

Sr.No	Test	Specification
1	Description	White or almost white, fine, slightly hygroscopic powder.
2	Solubility	Soluble in water, practically insoluble in ethanol (96 per cent). It dissolves in dilute hydrochloric acid.
3	Identification by Magnesium	It gives reaction of Magnesium.
4	Identification by Citrate	It gives reaction of Citrate.
5	Appearance of Solution	Not more intensely coloured than reference solution.
6	pH	6.0 to 8.5
7	Oxalates	Not more than 280 ppm
8	Sulfates	Not more than 0.2%
9	Calcium	Not more than 0.2%
10	Iron	Not more than 100 ppm
11	Loss on Drying	Not more than 3.5%
12	Assay – Magnesium (dried substance)	15.00% to 16.50% of Mg