



MAGNESIUM ASPARTATE

Sr. No.	TESTS	SPECIFICATION	
		IN HOUSE	BP
1.	Description	A white crystalline powder	A white or almost white, crystalline powder or colourless crystals
2.	Solubility	----	Freely soluble in water
3.	Identification	----	As per BP
4.	Assay	----	98.0%-102.0%
5.	Activity (as Mg)	7.0 % to 8.0%	----
6.	Moisture	NMT 8.0 %	----
7.	Lead	MAX. 10 ppm	----
8.	Heavy metals	----	NMT 10 ppm
9.	Arsenic	MAX. 3 ppm	
10.	Chloride	----	NMT 200 ppm
11.	Sulfate	----	NMT 500 ppm
12.	pH	----	6.0 to 8.0
13.	Optical Rotation at 200	----	+20.5° to +23.0°
14.	Water	----	10.0% to 14.0%
15.	Iron	----	NMT 50 ppm
16.	Appearances of Solution	----	As per BP
17.	Ninhydrine- positive substances	----	As per BP
18.	Ammonium	----	NMT 100 NH ₄
19.	Impurities	----	As per BP