



PRODUCT NAME: MAGNESIUM STEARATE – BP

SR.NO	TEST	LIMIT
1	Description	White or almost white, very fine, light powder, greasy to touch.
2	Solubility	Practically insoluble in water and in anhydrous ethanol.
3	Identification Identification A <2.2.18> Identification B <2.5.1> Identification D	A. Freezing point is minimum 53°C. B. Between 195 to 210. D. A white crystalline ppt is formed.
4	Acidity or alkalinity	NMT 0.05ml 0.1M HCL or 0.1 M NaOH required to change the color of indicator.
5	Chlorides	NMT 0.1%
6	Sulphates	NMT 1.0%
7	Cadmium, Method II <2.2.23>	NMT 3 ppm
8	Lead, Method II <2.2.23>	NMT 10 ppm
9	Nickel, Method II <2.2.23>	NMT 5 ppm
10	Loss on drying<2.2.32> (At 105°C for 3hrs)	NMT 6.0%
11	Stearic and palmitic acid <2.2.28>	NLT 40 % NLT 90 %
12	Assay (Dried substance)	Between 4.0% to 5.0%
13	Microbial enumeration tests <2.6.12>and Tests for specified microorganisms <2.6.13> Aerobic count Yeast & Mould E.coli Salmonella	NMT 1000 cfu/g NMT 100 cfu/g Should be Absent Should be Absent