

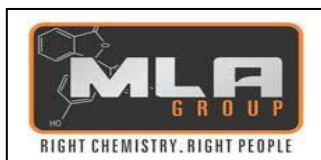
( Drug License No. 11 of 2018 )  
(Food Safety & Drug Administration – Govt. of Uttar Pradesh)



## **Magnesium Stearate BP**

### **TYPICAL PHYSIO-CHEMICAL PROPERTIES**

PROPERTY	UNIT	SPECIFICATIONS
Colour & Appearance	-	White Free Flowing Powder
Solubility	-	Practically insoluble in water, and in hydrous Ethanol
Identification	-	Test A –Passes, Freezing Point-NLT 53°C Test B- Passes, Free Fatty acid value is 195-210, Test C- Passes, Test D-Aquos soln. should gives reaction of Mg
Acidity or Alkalinity	-	NMT 0.05 ml of 0.1M HCL or 0.1 M NaOH req. for the change of indicator colour
Nickel	Ppm max	5.0
Lead	Ppm max	10.0
Cadmium	Ppm max	3.0
Chloride	% max	0.1
Sulphates	% max	1.0 %
Loss on Drying @105°C	%	6.0
Microbial Contamination	Cfu/gm	TAMC NMT 1000 cfu/gm, TYMC NMT 100 cfu/gm, Escheria Coli should be absent/gm and Salmonella – Absent /25Gm
Thermo Gravimetry	-	Passed (BP Ref No-2.2.34)
PSD Distribution		Passed (BP Ref No-2.9.31)
Specific S/A		Passed (BP Ref No-2.9.26)
Assay (Mg Content)	%	4 -5 % on dried basis
Fatty Acid Composition 1. Stearic Acid 2. Sum of Palmitic acid +St.Acid	%	For 1. NLT 40% For 2. NLT 90% NLT=Not Less Than



**M.L.A. Industries (Pharma Division)**

111/230, HARSH NAGAR, KANPUR, Tel. : (0512)-2555292

Website: [www.mlgroup.com](http://www.mlgroup.com), E-mail: [sales@mlgroup.com](mailto:sales@mlgroup.com)