



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



## **Magnesium Stearate USP**

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

PROPERTY	UNIT	SPECIFICATIONS
Colour & Appearance	-	White Free Flowing Powder
Identification	-	Test A –Passes, Freezing Point-53°C Min Test B- Passes, Fatty acid value is 195-210
Acidity or Alkalinity	-	NMT 0.5 ml of 0.01NHCL 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	%	6.0
Microbial Contamination	CFU/g	TAMC-NMT 1000 cfu/gm, TYMC-NMT 500 cfu/gm, Salmonella & Escheria Coli- absent
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