



# PADMASHREE ENTERPRISE

ISO 9001:2015|GMP|HACCP| KOSHER| REACH| EXCIPACT| HALAL| FDA

W: [www.padmashreegroup.in](http://www.padmashreegroup.in)

## CERTIFICATE OF ANALYSIS

Product Name: <b>Magnesium Stearate U.S. P</b>	
Batch No.: 2506253	Sample Qty: 100 gm
Mfg. Date: Jun- 25	Sample Drawn: 19/06/25
Exp. Date: May-30	Testing Date: 19/06/25
Batch Size: 6000 kg	Completion Date: 28/06/25

SR No.	TEST	RESULTS	SPECIFICATION
1	Appearance	Complies	A White very fine, Light powder, Greasy to the touch.
2	Solubility	Complies	Practically Insoluble in water; and in anhydrous ethanol.
3	Identification A) B)	complies complies	Complies as per USP Complies as per USP
4	lead	<10 PPM	NMT 10 ppm
5	Nickel	<5 PPM	NMT 5 ppm
6	Chloride	Complies	NMT 0.1% ppm
7	Cadmium	Complies	NMT 3 ppm
8	Loss on drying	3.12%	NMT 6.0% w/w
9	sulfate	Complies	NMT 1.0%
10	Assay (Mg)	4.27%	4.0 % to 5.0 %
11	Acidity or alkalinity	Complies	NMT 0.05 ML
12	Relative content of stearic acid and Palmitic acid Test	41.70% 98.52%	NLT 40.0 % for the stearate peak. The sum of the stearate and palmitate peaks in NLT 90.0 % of the peak areas of all the fatty acids.
13	Microbial Limit Test Total Aerobic count Yeast & Mould Salmonella E.coli	100 cfu/gm 30 cfu/gm Absent Absent	10 3 cfu/gm 10 2 cfu/gm Should be Absent Should be Absent

**REPORT:** In the opinion of the undersigned, the sample submitted complies with the USP specification.

**ANALYTICAL CHEMIST**

**MFG. CHEMIST**

### ISO CERTIFIED COMPANY

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