



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



Calcium Stearate USP

TYPICAL PHYSIO-CHEMICAL PROPERTIES

PROPERTY	UNIT	SPECIFICATIONS
Colour & Appearance	-	White Free Flowing Powder
Assay	%	CaO-9.0 -10.0
Identification	-	1 gm sample heat with mix of 25 ml H ₂ O+5 ml HCl acceptance criteria (1) Fatty acid librated as oily layer floating on the surface of the liquid (2) The water layer meets the requirements.
Ash Content	%	10-12
Ca	-	6.4-7.4
Loss on Drying	%	4.0
Fatty Acid Composition	%	Stearic acid NLT 40%, Sum of stearic + Palmic not less than 90%
Heavy Metals	PPM Max	10.00