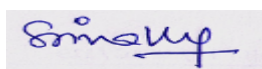


Technical Specification

Product:	Gymnema Extract 20% By HPLC
Plant Part Used:	Leaves
Scientific Name:	Gymnema sylvestre
Country of origin:	INDIA
Shelf Life:	36 Months
Standard Packing:	25 kg

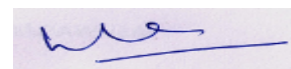
Test	Specification	Test Method	
Description / Appearance	Greenish brown to brown color powder	Organoleptic	
Taste & Odour	Herbal odour & Bitter in Taste	Organoleptic	
Identification	By TLC	Organoleptic	
Loss on Drying	NMT 5.0% w/w	USP <731>	
PH	B/W 5 – 8	USP <791>	
Particle size	NLT 90% w/w through 40# Mesh	USP <786>	
Bulk Density	Tapped Un tapped	0.4-0.80 gm/ml 0.30-0.50 gm/ml	USP <616>
Residue on ignition	NMT 10.0% w/w	USP <281>	
Assay Gymnemagenin by HPLC	NLT 20.0% w/w	IH-TM	
Heavy metals	NMT 20 ppm	USP<231>	
Lead	NMT 3.0 ppm	ICP-OES	
Arsenic	NMT 1.0 ppm	ICP-OES	
Cadmium	NMT 1.0 ppm	ICP-OES	
Mercury	NMT 0.1ppm	ICP-OES	
Microbiology Tests			
Total Aerobic Microbial Count	NMT 5000 cfu/gm	USP<2021>	
Yeast & Mould	NMT 100 cfu/gm	USP<2021>	
Coli forms	Absent in 10 gram	IS 5401-2:2012	
Salmonella	Absent in 10 gram	USP<2022>	
Escherichia coli	Absent in 10 gram	USP<2022>	
Staphylococcus aureus	Absent in 10 gram	USP<2022>	

Prepared By



Srinath Madasu
Manager Quality Control & R&D

Approved By



Venkat kondepudi
Head of Quality Control & Production

