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SPECIFICATION SHEET

Product Name	Guggul P.E 10%
Botanical Name	*Commiphora mukul*
Parts Used	Gum
Country Of Origin	India

TESTS	SPECIFICATION	TEST PROTOCOL
ASSAY		
Total Guggulsterones	>10%	UV
PHYSICAL CONTROL		
Identification	Positive	TLC
Appearance	Pale yellow to cream white powder	Visual
Odor & Taste	Characteristic	Organoleptic
Solubility	Insoluble in water	Visual
Loss on Drying (w/w)	<5%	USP
Particle Size	>90% through 40 mesh	Sieves
Tapped Density	0.4-0.8g/ml	USP
Bulk Density	0.40-0.70g/ml	USP
CHEMICAL CONTROL		
Heavy metals	≤10ppm	ICP-MS
Lead (Pb)	≤2ppm	
Arsenic (As)	≤2ppm	
Cadmium (Cd)	≤1ppm	
Mercury (Hg)	≤0.1ppm	
Residual Solvents	Comply with ICH/USP/EP	USP/EP/ICH
MICROBIOLOGICAL CONTROL		
Total plate Count	≤2000cfu/g	AOAC, BAM
Total Yeast & Mold	≤100cfu/g	
Salmonella	Absent	
E.Coli	Absent	
Pseudomonas aeruginosa	Absent	
Staphylococcus aureus	Absent	
STORAGE		
Store in a clean, cool, dry place at room temperature. Store away from direct sun light.		

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____

Abdullah Malik (QA)