

Product Specification

PRODUCT	Baozene® Baobab 70%	WEF : JULY 2011
Specf No: FPS/AD/01	Revision No : 01	Page No : 01 of 02
Review Period : 2 Yr		
Prepared By : J Anand	Verified By: A Mishra	Approved By : Dr Ajay

Botanical Name	Adansonia digitata
Plant Part	Pulp
Herb to Extract Ratio	25:1
Extraction Medium	Water
Country of Origin	India
Description	Tan colored dry powder with characteristic taste
Best before	4 Yr From Manufacturing date.

SPECIFIED TEST	LIMITS	PROTOCOL OF ANALYSIS
1) Physiochemical Analysis		
Identification	By TLC	As per IHP
Solubility in Alcohol	Not Soluble	As per IHP
Solubility in Water	Soluble	As per IHP
pH of w/v suspension	3 - 7	As per API
Loss On Drying (Moisture)	< 5% W/W	As per API
Heavy Metals content	< 20 ppm	As per API
Arsenic (As)	<1ppm	As per API
Plumbum (Pb)	<10ppm	As per API
Cadmium (Cd)	<0.3ppm	As per API
Mercury (Hg)	< 1.0ppm	As per API
Particle Size	90% through 60 Mesh	As per IHP
Bulk Density	0.6 gm/ml – 0.9gm/ml	As per USP/BP
2) Microbiological		
Total Viable Aerobic Count	<5000 Cfug	as per I.P / B.P
Total Fungal Count	<100 Cfug	as per I.P / B.P

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Total Enterobacteriaceae	<100 Cfu/g	As per B.P
E. coli	Negative	as per I.P / B.P
Salmonella typhii	Negative	as per I.P / B.P
S. aureus	Negative	as per I.P / B.P
P.aeruginosa	Negative	as per I.P / B.P
3) Phytochemical Analysis		
1. Water Soluble Fiber	> 70.0%	By Gravimetry as per IHP
2. Polyphenols	> 10%	As per IHP
3. Vit C	> 500mg/100 gm	as per I.P / B.P
4. Calcium	> 2.5mg/gm	as per I.P / B.P
5. Iron	> 3.5mg/100gm	as per I.P / B.P
6. Pottasium	>2000mg/100gm	as per I.P / B.P
7. Fat	< 2.5mg/gm	as per I.P / B.P