

## Product Specification

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

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

SPECIFIED TEST	LIMITS	PROTOCOL OF ANALYSIS
<b>1) Physiochemical Analysis</b>		
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
<b>2) Microbiological</b>		
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 Cfug	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
<b>3) Phytochemical Analysis</b>		
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