

## Specification

Product: **Bacopa monnieri Ext 50%**  
Product code: IBC01

Issue no: 03  
Issue date: 15<sup>th</sup> Sep 2011

### Physical and Chemical Parameters:

S. N <sup>o</sup>	Tests	Requirements
1	Description	Light tan to Brown powder
2	Identification	The principal spots obtained with sample application in TLC run should be same as that of obtained with standard preparation.
3	Solubility	Soluble in water (1:100) and very soluble in methanol (1:10)
4	Loss on drying (at 60 Deg C to constant weight)	NMT 5.0 % w/w
5	Heavy metals	
	Arsenic	NMT 1 ppm
	Chromium	NMT 2 ppm
	Cadmium	NMT 0.3 ppm
	Lead	NMT 1 ppm
	Mercury	NMT 0.2 ppm
	Zinc	NMT 5 ppm
	Total	NMT 10 ppm
6	Assay as Total Bacosides by HPLC	Min 50.0% w/w
7	Microbiological analysis:	
	Total plate count	NMT 10,000 Cfug
	Pathogens:	
	E. coli	Absent
	Salmonella	Absent
	Pseudomonas aeruginosa	Absent
	Staphylococcus aureus	Absent
	Yeast & Mould count	NMT 100 Cfug

<b>Origin of raw material</b>	India	<b>Labeling</b>	As specified by the customer with an indication as "Syn: <b>Bacopa monnieri Ext 50%</b> "
<b>Cultivated or Wild Crafted</b>	Cultivated	<b>Storage</b>	Recommended to keep in a clean, dry (60% RH), and cool (25° C) place.
<b>Packing</b>	6 kg to 25 kg net in a HDPE drum with inner polyliners	<b>Handling</b>	Avoid direct contact with body parts. Use, gloves and goggle. Avoid inhaling.
<b>Shelf Life</b>	4 Years (Stability data available)	<b>Raw material</b>	Aerial parts of Bacopa monnieri palnt

Certificate of Analysis on batchwise and MSDS will accompany the consignment

Approved by:

Date: 15<sup>th</sup> Sep 2011