



SPECIFICATION SHEET	
Product Name	Bacopa Monnieri Extract 50%
Botanical Name	<i>Bacopa monnieri</i>

PARAMETERS	SPECIFICATION
PHYSICAL CHARACTERISTICS	
Description	Greenish brown to brown color dry Powder
Odour	Characteristic
Identification by TLC	TLC Fingerprint of sample match with the Standard
Loss on Drying (w/w)	NMT 5%
Tapped Bulk density	0.30-0.90 Gm/ml
Bulk Density	0.3-0.9 Gm/ml
Sieve Test	
#40 mesh	NLT 95.0% w/w
#60 mesh	NLT 90.0% w/w
CHEMICAL PARAMETERS	
Assay By HPLC	
Content Total Bacosides (Sum of Bacopasides I, Bacoside A3, Bacopasides II, The jujubogenin isomer of bacopasaponin C and Bacopasaponin C)	NLT 50% w/w
Others	
Residual solvents	To Comply as per ICH/USP
Residual pesticides	To Comply as per USP for Botanical
Heavy Metals	
Arsenic	NMT 1 PPM
Lead	NMT 5 PPM
Mercury	NMT 0.1 PPM
Cadmium	NMT 0.3 PPM
MICROBIOLOGICAL AND PATHOGEN ANALYSIS	
Total Plate Count	NMT 5000 cfu/gm
Yeast & Molds	NMT 100 cfu/gm
Escherichia coli	Absent
Salmonella	Absent
Pseudomonas Aeruginosa	Absent
Staphylococcus aureus	Absent

LEGEND: D.P -Dry Powder, NMT- Not More Than, NLT- Not Less than, cfu/gm- Colony Forming Unit/gram.

ANALYZED BY	REVIEWED BY	APPROVED BY
Q.C Executive	Q.C Manager	Q.A Manager

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JAS-ANZ

