



HERBAL EXTRACT

Bacopa Dry Extract 20%
Bacopa monnieri · Brahmi · Leaf

RESULT
Conforms

BOTANICAL NAME Bacopa monnieri	PART USED Leaf	PREPARATION Hydroalcoholic dry extract	STANDARDIZATION Total Bacosides 20% (HPLC)
MFG. DATE December 2025	EXP. DATE November 2028	BATCH SIZE 100 kg	COUNTRY India

S.NO	PARAMETER	SPECIFICATION	METHOD	RESULT
1.0	DESCRIPTION (ORGANOLEPTIC)			
1.1	Appearance	Fine powder	Organoleptic	Complies
1.2	Colour	Greenish brown	Organoleptic	Complies
1.3	Odour	Characteristic	Organoleptic	Complies
1.4	Taste	Natural	Organoleptic	Complies
1.5	Solubility	Soluble in water	In-house	Complies
2.0	ANALYTICAL DATA			
2.1	Identification	Identical to reference standard	By TLC	Complies
2.2	Sieve analysis (passes through #80 mesh)	NLT 90%	Sieve	91.87%
2.3	Moisture (% w/w)	Less than 10.0%	In-house	5.12% w/w
2.4	Bulk density, tapped (g/100 ml)	40 – 80	In-house	72.95 g/100 ml
3.0	ASSAY			
3.1	Total Bacosides (% w/w)	NLT 20.0	By HPLC	20.16% w/w
4.0	HEAVY METALS (AAS, ISO 18664:2015)			
4.1	Arsenic (ppm)	NMT 1.1	AAS	Below LOQ
4.2	Cadmium (ppm)	NMT 1.5	AAS	Below LOQ
4.3	Lead (ppm)	NMT 2.5	AAS	Below LOQ
4.4	Mercury (ppm)	NMT 1.0	AAS	Below LOQ
5.0	CONTAMINANTS			
5.1	Aflatoxin B1 (ppb)	NMT 5	ISO 16050:2003	Below LOQ
5.2	Aflatoxins B2 / G1 / G2 (ppb, each)	NMT 2	ISO 16050:2003	Below LOQ
5.3	Ethylene oxide (mg/kg)	NMT 0.01	GC-MS	Below LOQ
5.4	Pesticide residues (mg/kg)	NMT 0.01	LC-MS/MS & GC-MS/MS	Below LOQ
6.0	MICROBIOLOGICAL ANALYSIS			
6.1	Total Plate Count (cfu/g)	Less than 10,000	ISO 4833-1:2013	<1,000
6.2	Yeast & Mould (cfu/g)	Less than 100	ISO 21527-2:2008	<100
6.3	Coliforms (cfu/g)	Less than 10	ISO 4832:2006	<10
6.4	<i>Escherichia coli</i>	Absent / 25 g	ISO 16649-2:2001	Absent
6.5	<i>Salmonella</i> sp.	Absent / 25 g	ISO 6579-1:2017/Amd 1:2020	Absent

Remarks: The product Bacopa Dry Extract 20% conforms to the above-mentioned specifications. LOQ = limit of quantification.
* The product is of herbal origin; slight colour variation may occur due to geographical and seasonal variation in the raw material.

EXTRACTION SOLVENT Hydroalcoholic	SHELF LIFE 36 months from date of manufacture
STORAGE Cool, dry place in a tightly sealed container; protect from direct light & heat	

