



HERBAL EXTRACT

Bacopa Extract 20%

Bacopa monnieri · Brahmi · Whole plant · Total bacosides 20% (HPLC)

COUNTRY OF ORIGIN
INDIA

RESULT
Conforms

BOTANICAL NAME Bacopa monnieri	PART USED Whole plant	PREPARATION Dry extract	STANDARDIZATION Total bacosides NLT 20% (HPLC)
MFG. DATE July 2026	EXP. DATE June 2029	BATCH SIZE Refer lot documents	COUNTRY OF ORIGIN India

S.NO	PARAMETER	SPECIFICATION	METHOD	RESULT
1.0	DESCRIPTION			
1.1	Description	Light greenish brown powder with characteristic odour	Visual	Complies
2.0	ANALYTICAL DATA			
2.1	Identification	To comply by TLC (matches reference standard)	TLC	Complies
2.2	Loss on drying (at 105 °C)	NMT 5.0% w/w	USP <731>	1.85%
2.3	Alcohol solubility	NLT 50.0%	USP <1236>	58.37%
2.4	pH (1% w/v solution)	6.0 – 7.5	USP <791>	7.43
2.5	Tapped density	0.40 – 1.0 g/ml	USP <616>	0.78 g/ml
2.6	Mesh size (#40)	NLT 95% passing	USP <786>	Complies
3.0	ASSAY			
3.1	Total bacosides (bacopaside I, bacoside A3, bacopaside II, jujubogenin isomer of bacopasaponin C, bacopasaponin C)	NLT 20.0% w/w	HPLC	20.49%
4.0	HEAVY METALS			
4.1	Lead	NMT 0.5 ppm	AAS / ICP-MS	Complies
4.2	Arsenic	NMT 0.5 ppm	AAS / ICP-MS	Complies
4.3	Cadmium	NMT 0.05 ppm	AAS / ICP-MS	Complies
4.4	Mercury	NMT 0.1 ppm	AAS / ICP-MS	Complies
5.0	RESIDUAL SOLVENTS			
5.1	Residual solvents	Comply as per USP	USP <467>	Complies
6.0	MICROBIOLOGICAL ANALYSIS			
6.1	Total plate count	NMT 10,000 cfu/g	USP <2021>	Complies
6.2	Yeast and mould count	NMT 100 cfu/g	USP <2021>	Complies
6.3	Escherichia coli	Absent / 10 g	USP <2022>	Complies
6.4	Salmonella spp.	Absent / 10 g	USP <2022>	Complies

Remarks: The product Bacopa Extract 20% conforms to the above-mentioned specifications.

* The product is of herbal origin; slight colour variation may occur due to geographical and seasonal variation in the raw material. Natural products can absorb moisture and may clump; sieve before use.

SANITIZATION Non-irradiated · not treated with ETO	STATUS GMO-free · BSE/TSE-free · no allergenic components	STORAGE Airtight container at room temperature
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