PRODUCT SPECIFICATION AND TECHNICAL DATA SHEET

Specification No. **BHC/SP/FP/9896/R3**

Product Name: **BERMAX (Liposomal Berberine 35%)**

Product Code: **BHC14044**

Plant & Product information

INCI Name:	Berberis aristata
Form:	Powder
Preservant/Antioxidant Presence:	Nil
Shelf life:	Retest after 36 months in original packing
Packing size:	25 Kg

Product Quality Report

Parameters	Limits	Test Protocol
Physical		
Description	Dirty yellow to yellow colour powder	Visual
Identification	To passes the test	by TLC
Loss on Drying	NMT 10.0% w/w (dried at 105°C)	As per USP <731>
Loose bulk density	NLT 0.20g/ml	As per USP <616>
Tapped bulk density	NLT 0.25g/ml	As per USP <616>
Sieve Test (Passes through)		
-40 mesh	NLT 95.0% w/w	As per USP <786>
Phytochemical Analysis		
Berberine (% w/w)	NLT 35% w/w	by HPLC
Heavy Metal Analysis by ICP-MS/OES		
Lead	NMT 1.0 ppm (µg/g)	As per USP <233>
Arsenic	NMT 1.0 ppm (µg/g)	As per USP <233>
Cadmium	NMT 0.5 ppm (µg/g)	As per USP <233>
Mercury	NMT 0.5 ppm (µg/g)	As per USP <233>
Residual Pesticides		
Residual pesticides	To comply as per USP	As per USP <561>

Botanic Healthcare Pvt. Ltd.
Plot No.16/1/12 &13, TSIIC IDA, Nacharam, Uppal, Medchal-Malkajgiri Dist, Hyderabad - 500076, Telangana, INDIA
Ph: +91 40 4035027801/+91 9652655561
E-mail : info@botanichealthcare.net
W: www.botanichealthcare.net

Botanic Healthcare (NZ) Ltd.
PO Box 8522, Christchurch 8044.
NEW ZEALAND
Tel : +64 21 155 1894
E-mail :sales@botanichealthcare.net

Botanic Healthcare LLC
55 Crestview Drive, Clinton,
New Jersey 08809 USA
Tel : +1 908 399 5452
Cell : + 1 908 617 9152
E-mail :sales@botanichealthcare.net

Botanic Healthcare GmbH
Fischertwiete 2
Chilehaus A
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Microbiological Profile

Total viable aerobic count	NMT 10000cfu/g	As per USP <2021>
Total fungal count	NMT 100cfu/g	As per USP <2021>
Bile tolerant Gram negative bacteria	NMT 100cfu/g	As per USP <2021>
Coliforms	Negative/g	BAM chapter 4 MPN method
Escherichia coli	Negative/g	As per USP <2022>
Salmonella	Negative/10g	As per USP <2022>
S.aureus	Negative/g	As per USP <2022>

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Additional Information

Sanitizing treatment	Non-irradiated and not treated with ETO
Certification Status	Kosher & Halal
Genetic Modification Status	No GMO risk
BSE/TSE Status	BSE/TSE Free
Certification of Origin	India
Storage condition	Store at room temperature in an air tight container. Avoid exposure to moisture.
Allergen Declaration	Material doesn't contains any allergen component
Manufactured At	**Botanic HealthCare Pvt Ltd.** Sy.No 28 & 30,Thallasingaram Village,Choutuppal Mandal,Yadadri District - 508252 Telangana,INDIA

Note:

1.It is a natural product, there is likely to be minor colour variation from batch to batch of the product because of the geographical and seasonal variations of the raw material

2.Natural products can be hygroscopic and tend to agglomerate depending on the nature of the product.

Disclaimer: Suitability of this product for its particular use is at the sole discretion of the purchaser.

Information provided in this document is updated and latest as on the date of issue

Issue Date: June 09, 2025

Prepared By	Checked By	Approved By
Aishwarya Executive - QA	Naganandhini Sr. Manager - QA	Sasikala G. AGM- QA

Botanic Healthcare Pvt. Ltd.
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