

PRODUCT SPECIFICATION AND TECHNICAL DATA SHEET

Specification No. BHC/SP/FP/0179/R1
Product Name: Green coffee bean extract 50%
Product Code: BHC1367

Plant & Product information

Botanical/Scientific name: Coffea canefora L / Rubiaceae
Plant Part Used: Seeds
Growing Condition: Cultivated
Preparation Type: Dry extract
INCI Name: Green coffee bean extract
Form: Powder
Solvent (s) used for extraction: Ethyl acetate
Final extract ratio: 12:1
Standardization: Total Chlorogenic acids
CAS number: 327-97-9
Shelf life: Retest after 36 months in original packing
Packing size: 25 Kg

Product Quality Report

Parameters	Limits	Test Protocol
Physical		
Description	Light yellow to yellowish brown powder with characteristic odour	Visual
Identification	To passes the test	by TLC
Loss on Drying	NMT 5.0% w/w (dried at 105°C)	As per USP <731>
Loose bulk density	Between 0.30g/ml and 0.85g/ml	As per USP <616>
Tapped bulk density	Between 0.40g/ml and 0.90g/ml	As per USP <616>
Sieve Test (Passes through)		
-40 mesh	NLT 95.0% w/w	As per USP <786>
Phytochemical Analysis		
Total Chlorogenic acids (% w/w)	NLT 50% w/w	by HPLC
Caffeine (% w/w)	NMT 2.0% w/w	by HPLC
Heavy Metal Analysis by ICP-MS		
Total heavy metals	NMT 10 ppm (µg/g)	As per USP <2232>
Lead	NMT 5 ppm (µg/g)	As per USP <2232>
Arsenic	NMT 3 ppm (µg/g)	As per USP <2232>
Cadmium	NMT 1 ppm (µg/g)	As per USP <2232>
Mercury	NMT 0.1 ppm (µg/g)	As per USP <2232>

Botanic Healthcare Pvt. Ltd.

Plot No.16/1/12 &13, TSIIC IDA, Nacharam,
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Residual Solvents

Ethyl acetate	NMT 5000 ppm	As per USP <467>
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Residual pesticides

Residual pesticides	To comply as per USP	As per USP <561>
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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>
Total enterobacteriaceae	Negative/10g	As per USP <2021>
Escherichia coli	Negative/10g	As per USP <2022>
Salmonella	Negative/10g	As per USP <2022>
S.aureus	Negative/10g	As per USP <2022>

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Additional Information

Sanitizing treatment	Non-irradiated and not treated with ETO
Certification Status	Kosher, Halal, GMP, ISO
Genetic Modification Status	GMO Free
BSE/TSE Status	BSE/TSE Free
Certification of Origin	India
Cultivated or wild crafted	Seeds originated & cultivated
Storage condition	Store at room temperature in a air tight container. Avoid exposure to moisture.
Allergen Declaration	Material doesn't contains any allergen component (Regulation (EU) No 1169/2011)
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; It is suggested to sift before use.

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

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This is a computer generated document with ERP application and is therefore not signed.

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