

## PRODUCT SPECIFICATION

## CINNAMON POWDER

*Cinnamomum verum syn Cinnamomum zeylanicum***ORGANIC, STEAM TREATED**

Cinnamon is a spice obtained from the inner bark of the tree *Cinnamomum verum* or *Cinnamomum zeylanicum*, also called as true cinnamon tree or Ceylon cinnamon tree, of family *Lauraceae*. Although the inner bark of several other *Cinnamomum* species is also used to make cinnamon, cinnamon from *C. verum* is considered by culinarians to be of superior quality.

Cinnamon comes in 'quills', strips of bark rolled one in another. The pale brown to tan strips, are generally thin, the spongy outer bark having been scraped off. Its outer skin is pale and parchment-like in appearance. The aroma and flavor of cinnamon derive from its essential oil and principal component, cinnamaldehyde, as well as numerous other constituents including eugenol.

Cinnamon Powder is made by grinding cinnamon quills into a pale brown fine powder. Cinnamon Powder is used as a cooking spice, in sweet and savoury dishes, in flavouring tea and in traditional medicines as well.

**Product information**

Ingredients	Single ingredient, 100% Cinnamon
Status	100% Organic, Pesticide residue free, Certified for NPOP, NOP, (EC) 834/2007 & (EU) 2018/848 standards
Fumigation	Not Treated with any Chemical. Naturally treated through EcO2 processing technique
Product Processing	Produced and processed according to current Good Manufacturing Practices (GMP), HACCP norms and regulations NPOP, NOP, (EC) 834/2007 & (EU) 2018/848
Heat Treatment	Steam treated

**Organoleptic Description**

Appearance	Pale Brown Fine, free-flowing powder
Flavor	Characteristic, Woody, Sweet
Odor	Characteristic, Woody, Aromatic

**Physical-Chemical Characteristics<sup>1</sup>**

Particle size	90 % min passing thru 50 mesh
Moisture	14 % max
Total Ash	7 % max

**Microbiological Characteristics<sup>2</sup>**

Total Plate Count – TPC (max)	< 50,000 cfu/g
Salmonella	Absent in 2x375 g
Yeast and Mould – Y&M (max)	< 500 cfu/g
Coliforms (max)	< 100 cfu/g
<i>E. coli</i> (max)	< 10 cfu/g
<i>Enterobacteriaceae</i> (max)	< 10 cfu/g
<i>Staphylococcus aureus</i> (max)	< 10 cfu/g

Specification No	F:QS:044	Pages	Page 1 of 2
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Prepared and documented by	Dr. Soumitra Soni Quality Assurance	Approved by	NV Baby Raphael Head QA / QC

# BERGWERFF

ORGANIC INDIA PVT. LTD.

## **Mycotoxins<sup>3</sup>**

Product is routinely checked for Aflatoxin and Ochratoxin and it complies with the regulations of the destination country.

## **GM declaration<sup>3</sup>**

To the best of our knowledge this product is non-GM and does not contain GM processing agents. This has been verified by organic certification and by traceability/identity preservation systems including adequate separation.

## **Allergens statement<sup>3</sup>**

Free of any known Allergens.

## **Shelf life**

Products are supplied with a minimum of 24 months to recommended shelf life (shown on product label) when stored sealed in original packaging under proper storage conditions. To maintain the product in best condition it is advisable to protect it from exposure to pests and extremes of moisture, light and temperature.

## **Product packaging**

20 - 25 kg, PP Kraft Bags with heat sealed inner poly liner as Bergwerff standard. Other options can be suggested.

Any other mandatory requirements will be complying to the respective regulations of the destination country.

### **Note**

<sup>1</sup> Testing shall be with reference to the methods prescribed in the manuals of ASTA, ESA, AOAC and Bergwerff.

<sup>2</sup> Testing shall be with reference to the methods prescribed in the manuals of USDA BAM, AOAC and Bergwerff.

<sup>3</sup> These tests are performed when required. Certificates of Conformance are available on request.

### **Special remarks**

*The content of this specification is based on typical information for this product and results obtained from our own due diligence sampling, assessment, and testing protocols, in addition to any testing/sampling that has been undertaken by our supplier.*

*However, due to the nature of this product, which is not completely homogenous, test results are indicative / referral and may not be entirely representative of the product throughout the lot. In addition, the content of this Specification does not confirm or ensure that the product is safe for all intended uses other than as Spice and Condiment.*

*Our quality and technical documentation does not relieve the customer of their responsibilities to check that the goods supplied are suitable and considered safe for their intended use before purchase. The data provided is for information only.*

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