

BERGWERFF

ORGANIC INDIA PVT. LTD.

PRODUCT SPECIFICATION

FENUGREEK SEED POWDER

Trigonella foenum-graecum
ORGANIC, STEAM TREATED

Fenugreek, *Trigonella foenum-graecum* is an annual plant in the family *Fabaceae*. Its seeds and leaves are used as a culinary ingredient since ancient times.

Fenugreek seeds are Cuboid-shaped, yellow to amber colored and are used both in whole and powdered form as spice and/or spice blends. They are often roasted to reduce inherent bitterness and to enhance flavor. Fenugreek seeds are a rich source of protein (23 g, 46% DV), dietary fiber, B vitamins, and dietary minerals such as manganese and iron.

Fenugreek Seed Powder is obtained by grinding fenugreek seeds to desired granulation. Fenugreek powder is amber-colored with a characteristic bitter aroma and flavor.

Product information

Ingredients	Single ingredient, 100% Fenugreek Seeds
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	Fine Free-Flowing Powder (Amber Yellow to Yellow)
Flavor	Slippery, thick mouthfeel with Characteristic bitter
Odor	Bitter, Maple type

Physical-Chemical Characteristics¹

Particle size	90 % min passing thru 35 mesh
Moisture	11 % max
Total Ash	7 % max
Acid Insoluble Ash (AIA)	1.5 % max

Microbiological Characteristics²

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

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Issue No	07	Issue Date	of 01-April-2022
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Prepared and documented by	Dr. Soumitra Soni Quality Assurance	Approved by	NV Baby Raphael Head QA / QC

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Mycotoxins³

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

GM declaration³

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 statement³

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

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

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

³ 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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