



# SPECIFICATIONS OF ORGANIC BLACK CUMIN SEED

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- 1. PRODUCT NAME:** Organic Black Cumin Seed
- 2. INGREDIENTS:** Organic black cumin seed
- 3. DEFINITION:** It is the seed that is formed in the fruits of plants that fall into the *Nigella sativa L.* type. The botanical name is Nigella Sativa, but is also called black seed or black cumin seed.
- 4. PHYSICAL AND SENSORY SPECIFICATIONS**

**TASTE / ODOUR** : Characteristic, natural, no objectionable odors or flavors

**COLOR** : Clear, black

DEFECTS	TOLERANCE
Natural Foreign Materials	Max 1,0% as weight
Other Foreign Material	None
Mineral Stones	Max 1 pieces / box

## 5. CHEMICAL SPECIFICATIONS

SPECIFICATION	TOLERANCE
Fermentation	None
Moisture	Max 8%
Sulphure	None
Pesticides	< RL (Reporting Limit) According to EC Regulation No 834/2007 and 889/2008 and according to USDA organic regulation 7 CFR Part 205 and
Ochratoxin A	< 3 ppb
Aflatoxin	B <sub>1</sub> ; < 2 ppb Sum of B <sub>1</sub> , B <sub>2</sub> , G <sub>1</sub> and G <sub>2</sub> ; < 4 ppb

*\*This product complies with Commission Regulation (EU) 2023/915 of 25 April 2023 on maximum levels for certain contaminants in food and repealing Regulation (EC) No 1881/2006.*

## 6. MICROBIOLOGICAL SPECIFICATIONS

CRITERIA	FINDING
Total Viable Count	Max 10 <sup>5</sup> cfu/g
<i>E.coli</i>	Max 10 cfu/g
<i>Salmonella</i>	Negative (in 25 g)
Yeast	Max 10 <sup>4</sup> cfu/g
Mould	Max 10 <sup>4</sup> cfu/g
Coliforms	Max 10 <sup>2</sup> cfu/g
<i>Bacillus cereus</i>	Max 10 <sup>2</sup> cfu/g
<i>Enterobacteriaceae</i>	Max 10 cfu/g

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## 7. PURPOSE OF USE, ALTERNATIVE USE AND SENSITIVE CONSUMER GROUP

**PURPOSE OF USE:** Black cumin seeds are often consumed in bakery goods or consumed in soups, salads or appetizer as flavor.

**ALTERNATIVE USE:** It can be used as food supplement.

**SENSITIVE CONSUMER GROUP:** It is suitable for all consumers.

## 8. PACKAGING

Primary Packaging: Food-grade blue polyethylene bags to protect the product from external elements.

Secondary Packaging: Carton boxes, providing an additional layer of protection during transit and storage.

## 9. SHELF LIFE AND STORAGE CONDITIONS

Black cumin seeds have 36 months after production date under suitable storage conditions. The storage room must be constructed in a way that prevents damage to the quality of the product, its packaging and labels. Doors, windows and other parts of the storage room must have appropriate equipment to prevent the entry of all kinds of pests. It should be stored 4°C-10°C and dry place. There should be no foreign odor.

## 10. NUTRITIONAL INFORMATION

TYPICAL VALUES PER 100G	
Energy (kcal)	375
Protein (g)	16,06
Carbohydrates (g)	44,2
Fibre (g)	10.5
Fat (g)	22,27
Of which saturates (g)	3,44
Sodium (mg)	88

\*\*Values may differ according to harvest years.

## 11. Our Supplier / Manufacturer ALLERGEN INFORMATION

ALLERGEN	YES	NO	WHICH RAW MATERIAL AFFECTED?
Celery		x	
Cereals Containing Gluten (wheat, rye, barley, oats, etc.)		x	
Crustaceans		x	
Egg		x	
Fish		x	
Lupin		x	
Milk (including lactose), ice cream, yoghurt, cheese, etc.		x	

