



SPECIFICATIONS OF ORGANIC BLACK CUMIN SEED

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1. INGREDIENTS: Black cumin seed.

2. DEFINITION: It is the seed that is formed in the fruits of plants that fall into the *Nigella sativa L.* type.

3. PHYSICAL CHARACTERISTICS

INCI NAME	: Nigella Sativa (Black Cumin) Seed
COLOR/APPEARANCE	: Clear, Black
ODOUR	: Typical, No Foreign Smell Or Odour
TASTE	: Typical, No Foreign Taste Or Flavour

DEFECTS	TOLERANCE
Foreign matter	Max %1 (w/w)
Natural foreign matters, pieces, leaves	Max 1 pieces / box
Mineral Stones	Max 1 pieces / 100 kg
Rough Foreign Material (Grit Etc)	Max 1 berries / 100Box
Other Foreign Material (Glass, Metal)	None

4. CHEMICAL SPECIFICATIONS

Criteria	Finding
Fermentation	None
Moisture	Max. 8 %
Sulphure	< 10 ppm
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 JAS (Japanese Agricultural Standard) Regulation
Ochratoxin A	Max 10 ppb
Aflatoxin	B1: Max 5 ppb, B1+B2+G1+G2 : Max 10 ppb

Lead (Pb)	< 0,2 mg/kg
Cadmium (Cd)	< 0,2 mg/kg
Mercury (Hg)	< 0,2 mg/kg
Arsenic (As)	< 0,2 mg/kg



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5. MICROBIOLOGICAL SPECIFICATIONS

CRITERIA	FINDING
Total Viable Count	<5x10 ⁴ cfu/g
E.Coli	Max 10 cfu/g
Salmonella	Negative (in 25 g)
Yeast	Max 10 ³ cfu/g
Mould	Max 10 ³ cfu/g
Coliforms	Max 10 ² cfu/g
Bacillus Cereus	Max 10 ² cfu/g
Enterobacteriaceae	Max 10 cfu/g

6. PACKAGING: 8 kg carton boxes secondary packaging , polietilen bag primary packaging.

7. SHELF LIFE: 13 months after production date under suitable storage conditions.

8. STORAGE CONDITIONS: 4-10 °C.

9. NUTRITIONAL INFORMATION

Typical Values per 100g	
Energy (kcal)	480,24
Protein(g)	16,06
Carbohydrates (g)	7,255
Fibre (g)	26,52
Fat (g)	43
Of which saturates (g)	3,44
Sodium (mg)	88

10. ALLERGEN INFORMATION



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Allergens: When purchased in bulk size original packaging, manufacturer allergen policy will apply.
When purchased in quantities that need re-packaging, our allergen policies will apply.

Component	Manufacturer			Nuts in Bulk (Applies when bought in small quantities that need re-packaging)		
	In Product	Processed in Same Equipment	Handled on Site	In Product	Processed in Same Equipment	Handled on Site
Cereals containing GLUTEN and products thereof	NO	NO	NO	NO	YES	YES
EGGS or its derivatives	NO	NO	NO	NO	NO	NO
FISH or its derivatives	NO	NO	NO	NO	NO	NO
CRUSTACEANS / SHELLFISH	NO	NO	NO	NO	NO	NO
MOLLUSCS	NO	NO	NO	NO	NO	NO
PEANUTS or derivatives	NO	NO	NO	NO	YES	YES
SOYA BEANS or derivatives	NO	NO	NO	NO	YES	YES
MILK (LACTOSE) or its derivatives	NO	NO	NO	NO	YES	YES
NUTS , tree nuts:	NO	NO	NO	NO	YES	YES
CELERY, including celeriac and its derivatives	NO	NO	NO	NO	YES	YES
MUSTARD, referring to all parts of the plant and derivatives thereof	NO	NO	NO	NO	YES	YES
SESAME SEEDS or derivatives	NO	NO	NO	NO	YES	YES
SULPHITES >10ppm – Sulphite quantity to be given in ppm	NO	NO	NO	NO	YES	YES
LUPIN seeds or derivatives	NO	NO	NO	NO	NO	NO
GMOs Genetically Modified Organisms			x			

Country of Manufacture	Turkey
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11. METAL DETECTION

Ferrous 1.5mm
Non Ferrous 2.5 mm
Stainless Steel 3.0 mm

12. X-RAY DETECTION

Detection Limits:
Glass ball: 2mm Ø,
Rubber ball: 3mm Ø,
Wire: L: 5 mm 0,2mm Ø,
Metal ball: 0,6mm Ø