



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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Country of Manufacture

Turkey

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 \emptyset ,
Rubber ball: 3mm \emptyset ,
Wire: L: 5 mm 0,2mm \emptyset ,
Metal ball: 0,6mm \emptyset