



Technical Data Sheet

BIO Schwarzkümmelöl (11190)
ORGANIC Black cumin oil (11190)

PRODUCT INFORMATION

Name	Organic Black cumin oil
Botanic name	Nigella sativa L
Part Used	Seed
Origin	non-EU Agriculture
Carrier	None
Organic Certification	DE-ÖKO-013

ITEM	SPECIFICATION	METHOD
Appearance*	Yellow to greenish-brown liquid	Visual
Odor & Taste	Pepper, herbaceous, Cumin, spicy	Organoleptic
Density	0.900-0.930g/cm ³	
Refractive index	1.464-1.480	
Saponification	181-200 mgKOH/g	
Peroxide value	≤ 30meqO ₂ /Kg	
Acid value	≤30mgKOH/g	

*The color may vary

FATTY ACID COMPOSITION PER 100%

Myristic acid C 14:0	0.1-0.4%
Palmitic acid C 16:0	9.0-13.0%
Stearic acid C 18:0	2.0-4.0%
Oleic acid C 18:1	18.0-27.0%
Linoleic acid C 18:2	50.0-60.0%
Alpha-linolenic acid C 18:3	0.1-2.0%
Arachidic acid C 20:0	0.1-0.4%
Eicosenoic acid C 20:1	0.1-0.7%
Eicosadienoic acid C 20:2	1.0-3.5%
Total trans fatty acids	<2.0%

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002
Organic production	According to Reg. (EC) 2018/848
Hygiene of foodstuffs	In compliance with Reg. (EC) 852/2004
Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Contaminants	According to Reg. (EC) 2023/915 for food supplements
Preservative	Preservative Free
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Vegetable oils are a sterile product, without air or water, where bacteria, whether aerobic or anaerobic, cannot develop and survive. Due to the absence of moisture in the oil, microorganisms cannot develop.
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen status	No allergens requiring labeling
Unintentional contact (traces) in the supply chain cannot be excluded.	
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

STORAGE AND HANDLING



PLANTS 2 MARKET

Health Ingredients



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Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf Life	16 months if sealed and properly stored
Document status template	24.06.24
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All above information according to the manufacturer / supplier

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