

Product - Specification

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Reg-No.: Sp322120b

Rev-No.: b

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Page: 1

Product / Trading-Name: **Black cumin seed oil cold pressed organic DE-ÖKO-001**

Description: Black Cumin seed oil is obtained by mechanical extraction from the seeds of Nigella sativa.

Product No.: 322120

CAS No.: 90064-32-7

EINECS No.: 290-094-1

INCI Name: Nigella Sativa Seed Oil

Properties: Brown oil with a characteristic odour and taste. Due to the natural composition, sediment may form.
This does not indicate a quality defect. It is insoluble in water, miscible with ether and petroleum spirit.

Parameter	Method	Unit	Value
Physical and Chemical Characteristics			
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,474
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,920
saponification value	Ph. Eur. [2.5.6]	mg KOH/g	185,0 - 205,0

Fatty Acid Composition (GC of FAMES)

16:0 palmitic acid	Ph. Eur. [2.4.22]	%	8,0 - 14,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	max. 4,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	18,0 - 30,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	50,0 - 65,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	max. 1,0
20:2 eicosadienic acid	Ph. Eur. [2.4.22]	%	2,0 - 3,5

Storage:

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

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