

# Product - Specification

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Reg-No.: Sp322060b

Rev-No.: b

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Product / Trading-Name: **Black cumin seed oil cold pressed Egyptian seed**

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

**Product No.:** 322060

**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. It is insoluble in water, miscible with ether and petroleum spirit.

Parameter	Method	Unit	Value
<b><u>Physical and Chemical Characteristics</u></b>			
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
<b><u>Fatty Acid Composition (GC of FAMES)</u></b>			
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.

**Residual Solvents:**

It complies with the guideline CPMP/ICH/283/95 and CPMP/ICH/1940/00 corr. (residual solvents)

**Created:** AS

**Checked:** AW

**Released:** Schw

**Date:** 01.03.17

**Date:** 02.03.17

**Date:** 02.03.17

