

# Product - Specification

**gustavheess**  
group of companies since 1897

Reg-No.: Sp328120e

Rev-No.: e

Printing Date: 21. April 2020

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Product / Trading-Name: **Chia oil (Salvia hispanica) coldpressed organic DE-ÖKO-001  
subject to Regulation (EC) 2015/2283 (Novel Food)**

**Description:** Chia oil is obtained by cold expression from the seeds of Salvia Hispanica.  
A suitable antioxidant may be added.

Gustav Heess GmbH has received confirmation of substantial equivalence with the already approved Chia oil (Salvia Hispanica) by the German Federal Office of Consumer Protection and Food Safety on July 11th 2016 (Regulation (EC) no. 258/97 on novel foods and novel food ingredients).  
Thus Chia oil (Salvia Hispanica) may be produced and placed on the market as food by Gustav Heess GmbH.

Requirements according to commission implementing decision 2014/890/EU

labelling: Chia oil (Salvia hispanica)

Authorized uses:

- as food ingredient in fats and oils: not more than 10%
- as food ingredient in food supplements: not more than 2 g/day

**Product No.:** 328120

**CAS No.:** 93384-40-8

**EINECS No.:** 297-250-8

**INCI Name:** Salvia Hispanica Seed Oil

**Properties:** Yellow liquid with characteristic odour and taste. Very slightly soluble in alcohol, miscible with light petroleum.

Parameter	Method	Unit	Value
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## Physical and Chemical Characteristics

acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 4,0
free fatty acids (ffa)		%	max. 2,0
peroxide value	Ph. Eur. [2.5.5]	meq O2/kg	max. 10,0
refractive index (20 °C)	Ph. Eur. [2.2.6]		ca. 1,483
relative density (20 °C)	Ph. Eur. [2.2.5]		ca. 0,931
insoluble impurities	ISO 663	%	max. 0,05

## Fatty Acid Composition (GC of FAMES)

18:1 oleic acid	Ph. Eur. [2.4.22]	%	min. 5,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	15,0 - 20,0
18:3 linolenic acid	Ph. Eur. [2.4.22]	%	min. 60,0

**Storage:**

Continued ....

<b>Created:</b>	PS	<b>Checked:</b>	OB	<b>Released:</b>	Schw
<b>Date:</b>	30.05.17	<b>Date:</b>	30.05.17	<b>Date:</b>	31.05.17



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**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)**