



Technical Data Sheet

Algenöl 45% DHA (Schizochytrium sp.) (18846)
Algae Oil 45% DHA (Schizochytrium sp.) (18846)

PRODUCT INFORMATION

Name	Schizochytrium sp. oil, Algal oil with over 45% DHA		
Product ID	25689		
Latin Name	Schizochytrium sp.	Production	refined and winterized
Part Used	Algae	{product name} Extract	%
Origin	China	Carrier (name of carrier)	%
Composition	Oil from Schizochytrium microalgae with ≥ 45% DHA, max. 10% sunflower oil and additives, < 1% antioxidant (natural tocopherol (E306), ascorbyl palmitate (E304))		

The below information is for reference: as Schizochytrium is a living organism, composition values may slightly differ.

ITEM	SPECIFICATION	ITEM	SPECIFICATION
Assay DHA	>45%	Moisture	≤ 0.05%
Appearance	Yellow Oil	Fat	≥ 99%
Odor & Taste	specific, not fishy	Peroxide value (PV):	≤ 5,0 meq/kg oil
Fatty acid composition	SPECIFICATION g/100g	Fatty acid composition	SPECIFICATION g/100g
Saturated fatty acids	≤ 45	Total Omega-3 fatty acids	≥ 45
Mono unsat. fatty acids	≤ 3	Total Omega-6 fatty acids	≥ 10
Trans-fatty acids:	≤ 1	C 20:5 (n-3) Eicosapentaenoic Acid	< 1.5
Poly unsat. fatty acids	≥ 55	C 22:5 (n-6) Docosapentaenoic	10 - 15
		C 22:6 (n-3) Docosahexaenoic Acid	>45

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002
Novel food status	Authorised novel food according to Reg. (EC) 2017/2470 dated on 30/11/2025
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
Solvents	According to Dir. (EC) 2009/32 and amendments for extraction solvents / residual solvents
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria: ≤100,000 cfu/g, Yeast: ≤1,000 cfu/g, Mold ≤1,000 cfu/g, Salmonella: negative, E. Coli: < 10,
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 according to Reg. (EC) 1169/2011

Unintentional contact (traces) in the supply chain cannot be excluded.

Nanomaterials	Absent According to Reg. (EC) 1169/2011
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

STORAGE AND HANDLING

Storage	When sealed, stored dry and frozen (< -18 °C) in original packaging: to be processed within 20 months, depending on batch. "When sealed and stored dry at room temperature in original packaging: to be processed within 5 months, depending on batch."
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All above information according to the manufacturer / supplier

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