



Technical Data Sheet

Algenöl 40% DHA (Schizochytrium sp.) Algae oil 40% DHA (Schizochytrium sp.)

PRODUCT INFORMATION

Name	Schizochytrium sp. oil, Algae oil with over 40% DHA
Botanical name	Schizochytrium sp.
Product ID	25550
Part Used	whole algae
Origin	China
Composition	DHA Algae Oil, Sodium Starch Octenyl Succinate, Natural Tocopherol, Ascorbyl Palmitate

ITEM	SPECIFICATION	METHOD
Assay DHA	≥40.5%	GB 5009.168
Assay EPA	≤3.0%	GB 5009.168
Appearance*	Light yellow to orange	Internal method
Odor & Taste	Characteristic odor and taste, no special odor	Internal method
Character	Oily liquid, no visible foreign matter, clear and transparent at 40°C	Internal method
Acid Value mg KOH/g	≤0.5	GB 5009.229
Peroxide Value mmol/kg	≤2.5	GB 5009.227
Moisture and volatiles	≤0.05%	GB 5009.236
Anisidine Value	≤15	GB/T 24304
Insoluble impurities	≤0.2%	GB/T 15688
Unsaponifiable matter	≤3.5%	GB/T 5535.1
Residual solvent mg/kg	≤15	GB 5009.262
Trans fatty acids	≤1.0%	GB 5009.257
*The color may vary		

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
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria: <10,000 cfu/g, TYMC: <100 cfu/g, Salmonella: negative, E. Coli: negative, S. Aureus: negative
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 free	According to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

STORAGE AND HANDLING

Storage	Stored in a dry, cool and odorless environment
Shelf Life	9 months if stored at room temperature, 18 months if stored cool at 0~10°C, 36 months if stored frozen at -18°C
Document status template	20.11.2025
Issue date (V3)	08.12.2025

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