

DESCRIPTION	Refined, bleached and deodorized oil, obtained from microalgae. Pale yellow oil, typical in taste and smell; free of artificial aromatizers, flavors or colors. Substantially solid in appearance below 20°C. Plant-based source rich in Omega 3 (Docosahexaenoic Acid – DHA). The Algae oil is standardized with Sunflower refined oil high oleic (Target 5%, percentage can vary based on fatty acid profile Algae Oil)		
INGREDIENTS	Microalgae (<i>Schizochytrium sp.</i>)		
TARIC	15159099		
REGULATION			
The product corresponds to the requirements of Regulation (EC) N° 178/2002 of the European Parliament and of the Council laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety. The Q'omer® Ingredients are in line with the legal framework of many countries but without prejudice to additional legal provisions that might exist in some other countries.			
PROPERTIES AND APPLICATIONS			
NUTRACEUTICAL	Antioxidant		
PHYSICOCHEMICAL		MICROBIOLOGY	
Moisture	≤ 0.1 %	Total count*	≤ 1000 ufc/g
Acid value	≤ 0.5 mg KOH /g	Yeast & moulds*	≤ 100 ufc/ml
Peroxide value	≤ 5.0 meq / Kg	E. Coli*	ND ufc/ml
Colour	≤ 12.0 Gardner	Salmonella*	ND ufc/25g
Saponification value**	175 - 200 mg KOH /g	Staphylococcus aureus*	ND ufc/ml
Unsaponifiable matter**	≤ 4.5 %		
Refractive Index (20°C)**	1.470 – 1.490		
Specific gravity (20°C)**	0.900 – 0.925 g/ml		
Anisidine value**	≤ 12.0		
Totox value	≤ 22.0		
Residual solvent	≤ 1.0 mg/Kg		
FATTY ACIDS			
Docosahexaenoic Acid – DHA			≥ 40%
Docosahexaenoic Acid – DHA			≥ 380,0 mg/g TG
ANTIOXIDANTS			
Tocopherol Concentrate Mixed E307b			450.0 – 550.0 mg/kg
L-Ascorbyl Palmitate E304i			180.0 – 200.0 mg/kg
HEAVY METALS			
Lead*			≤ 0.1 mg/kg
Cadmium*			≤ 0.05 mg/kg
Mercury*			≤ 0.05 mg/kg
Arsenic*			≤ 0.1 mg/kg
CONTAMINANTS			
Benzo (a) Pyrene*			≤ 1.0 µg/kg
Sum of B(a)P, B(a) A, B8b) F, chrysene*			≤ 3.0 µg/kg
Sum of dioxins and furans (WHO-PCDD/F-TEQ/g)*			≤ 0.75 pg/g
Sum of dioxins, furans, dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ/g)*			≤ 1.25 pg/g
PCB's (Sum28,52,101,138,153,180) (Total 6 DNI-PCB)*			≤ 20 ng/g

HANDLING	
Packaging	IBC's net weight 900 kg 25 & 190 kg Metal drums 5, 10 & 25 kg HDPE containers Consumer packaging (10 ml - 1000 ml) available. Net content and packing method will be specified in the sales contract. Packaging material comply with Regulation (CE) N° 1935/2004 on materials and objects destined to be in contact with foods. COMMISSION REGULATION (EU) 2015/174 of 5 February 2015 amending and correcting Regulation (EU) No 10/2011 on plastic materials and articles intended to come into contact with food. Statement conforms to the raw materials suppliers.
Storage	Store in a cool and dry place, in original sealed packaging away from sources of light, heat or air. After use, seal hermetically to avoid oxidation. Nitrogen packed; once opened, use quickly.
Shelf life	At least 24 months if stored frozen (-20°C) 6 months if stored refrigerated (4°C) 1 month if stored at room temperature (20°C).
ADDITIONAL	
<p>Allergens: This product neither contains nor presents risk of cross contamination with the substances or products causing allergies or intolerances listing in Annex II Regulation (UE) No 1169/2011.</p> <p>Natural product coming from vegetable origin and does not get in contact with any animal material during manufacturing, storage and transportation.</p> <p>Pesticides: Conform with Regulation (EC) n° 396/2005 of the European Parliament and the council of 23 February of 2005 on maximum residual levels of pesticides in food and animal feed from vegetable and animal origin which modifies the Directive 91/414/CEE of the council.</p> <p>GMO-free product and, therefore, is not subject to the requirements of Regulation (EC) 1829/2003, or Regulation (EC) 1830/2003.</p> <p>No irradiated materials are used, nor has the product itself been irradiated.</p>	

*These parameters are tested annually on a random batch.
 **These parameters are tested 3 times a year on a random batch.