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| <b>DESCRIPTION</b>   | Oil obtained from marine microalgae (min. 99%) ( <i>Schizochytrium sp. T18</i> ), refined and stabilized with antioxidants (sunflower lecithin (E-322), tocopherols (E-306) and Ascorbyl palmitate (E-304)). Liquid of light-yellow color and with typical smell and taste.  |  |
| <b>INGREDIENTS</b>   | Marine microalgae ( <i>Schizochytrium sp. T18</i> )  |  |
| <b>REGULATION</b>  |  |  |
| 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.<br>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. |  |  |
| <b>PROPERTIES AND APPLICATIONS</b>   |  |  |
| <b>NUTRACEUTICAL</b>   | Antioxidant  |  |
| <b>PHYSICOCHEMICAL</b>   |  |  |
| Acid value   | ≤ 0.8 mg KOH /g  |  |
| Peroxide value   | ≤ 5.0 meq O <sub>2</sub> / Kg  |  |
| p-Anisidin index   | ≤ 20.0   |  |
| Unsaponifiable material  | ≤ 3.5 %  |  |
| C22:6 n3 docosahexaenoic acid (DHA)  | ≥ 53 %   |  |
| C22:6 n3 docosahexaenoic acid (DHA)  | ≥ 530 mg/g   |  |
| EPA + DHA  | ≥ 54 %   |  |
| <b>HEAVY METALS</b>  |  |  |
| Lead   | ≤ 0.02 mg/kg   |  |
| Cadmium  | ≤ 0.04 mg/kg   |  |
| Mercury  | ≤ 0.1 mg/kg  |  |
| Arsenic  | ≤ 0.1 mg/kg  |  |
| <b>CONTAMINANTS</b>  |  |  |
| Benzo (a) Pyrene   | ≤ 0.1 µg/kg  |  |
| Sum of B(a)P, B(a) A, B(b) F, chrysene   | < 0.01 mg/kg   |  |
| Sum of dioxins and furans (WHO-PCDD/F-TEQ/g)   | ≤ 0.1 pg/g   |  |
| Sum of dioxins, furans, dioxin-like PCBs (WHO-PCDD/F-PCB-TEQ/g)  | ≤ 0.2 pg/g   |  |
| PCB's (Sum28,52,101,138,153,180) (Total 6 DNI-PCB)   | ≤ 1.0 ng/g   |  |
| Free 3- MCPD and derived esters expressed as 3-MCPD  | ≤ 0.75 mg/kg   |  |
| Derived esters of glycidol expressed as 3-MCPD   | ≤ 0.5 mg/kg  |  |
| <b>HANDLING</b>  |  |  |
| Packaging  | 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.  |  |
| Shelf life   | 12 months if stored in the freezer and 8 months in refrigeration (4°C).  |  |
| Operating instructions   | Before use, keep the unopened box at a temperature between 15 and 25 °C for at least 12 hours, then shake well to homogenize the product.  |  |



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Technical Data Sheet

## ALGAE OIL 53 % DHA REFINED

### ADDITIONAL

**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.

**Natural product** coming from vegetable origin and does not get in contact with any animal material during manufacturing, storage and transportation.

**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.

**GMO-free** product and, therefore, is not subject to the requirements of Regulation (EC) 1829/2003, or Regulation (EC) 1830/2003.

**No irradiated** materials are used, nor has the product itself been irradiated.



This company meets the highest standards of social and environmental impact



CLÚSTER BIO COMUNIDAD VALENCIANA

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