

Product Specification

DHA-mega⁵⁰ Natural Triglyceride Algal Oil

Product Name	DHA-mega ⁵⁰ Algal Oil
Species	<i>Schizochytrium</i>
Description	Fully refined algal oil, made from natural triglyceride algal oil sourced by SeaDragon and processed in our refinery in Nelson, New Zealand.

Analytical:

Description	Specification
Appearance (at 20°C)	Opaque, semi-solid oil
Visual Colour	Gold/orange
Odour	Bland
Taste	Bland

Fatty Acid Profile (Expressed as percentage of methyl ester area)

DHA (Docosahexaenoic acid)	NLT. 50%
Total Omega-3	NLT. 50%

Physical and Chemical

Acid value (mgKOH/g)	<0.5
Peroxide value (mEq/kg)	<1.0
p-Anisidine value (ANV)	<6.0
Gardner colour	<6.0
Moisture (%)	<0.1
Impurities (%)	<0.1

NLT = Not less than, < = Less than

Process	Product is neutralised, bleached and deodorised. No solvents or concentrates are used. The refined oil is percolated through ~5-micron filters and packed under nitrogen in a range of formats to suit the client.
----------------	--

Manufacturing	Produced in facilities that are FSSC22000 certified and registered by the New Zealand Ministry for Primary Industries, operating under Food Control Plans and National Programs for human consumption.
----------------------	--

Eligibility	Certified Halal #046/MIS/2022-00 Certified Kosher #823471
Packaging	There are 2 packing format options: - 2.3kg aluminium bottles. - 200kg food grade drums
Additives	The head space of all containers is flooded with N ₂ . Natural mixed tocopherols can be added as per customer requirements between 0.1 – 0.5%. There are two options: - Covi-ox T-70 EU mixed tocopherols (soybean derived) - Tocomix 70 R Non-GMO mixed tocopherols (rapeseed oil derived)
Ingredient composition	Without tocopherol: 100% refined natural triglyceride algal oil With tocopherol: 99.5 – 99.9% refined natural triglyceride algal oil, 0.1 – 0.5% tocopherol
Shelf life	Expiry 24 months from date of manufacture in original container.
Storage	Keep free from light and oxygen. Store below 20°C. Once opened, use promptly.
Allergen Statement	Manufactured in a facility which also processes fish oil.
GMO Statement	To the best of our knowledge contains no material from genetically modified organisms.
BSE Statement	To the best of our knowledge none of the components of this product have been processed in facilities that also handle BSE species.
Ionising Radiation Statement	To the best of our knowledge none of the components of this product have been treated with ionising radiation.

Specification Current as at 02/10/2024 V8 (DD)