



HISTORY OF FISH OIL OMEGA-3S

1970s

Researchers studied Indigenous Greenlanders and discovered that diets rich in EPA (eicosapentanoic acid) and DHA (docosahexanoic acid) from fish and marine animals improved heart health.

1990s

Omega-3 research exploded and started what is today a \$2B omega-3 dietary supplement market.¹

Today

Over 50,000 studies, including over 5,000 human clinical trials, support the consumption of omega-3s for heart, brain, eye, prenatal, and maternal health.²

HOW DO FISH GET THEIR OMEGA-3s?

Similar to humans, fish don't make omega-3s. What ends up in fish oil is an accumulation of EPA and DHA from marine and freshwater bacteria, microalgae, and zooplankton.



HISTORY OF ALGAL-BASED OMEGA-3S

1980s

Researchers acknowledge that fish mainly acquire omega-3 fatty acids from their diet (aka algae), not through endogenous synthesis.³

1990s

Infant formulas with algae-based DHA are introduced.

Today

Environmental concerns and consumers' preferences for more sustainable and vegetarian products give rise to algal-based omega-3s.⁴

PRODUCING OMEGA-3S USING MICROALGAE

Most algal-based omega-3s are produced by fermenting microalgae strains in large-scale cultivation tanks or ponds. The right amount of UV light, oxygen, sodium, glucose, and temperature can speed up the process.



Introducing

VIVOMEGA™ ALGAE 2050

MADE IN NORWAY

VEGAN | NON-GMO | HALAL CERTIFIED | NO HARSH SOLVENTS USED

Until recently, not many options for algal oils with EPA and DHA existed. Most algae-based omega-3 ingredients only provide DHA or EPA. VivoMega™ Algae 2050 is the leading algal omega-3 ingredient and is among the most potent concentrations of EPA and DHA in a single concentrate.



90% TRIGLYCERIDE CONTENT

VivoMega Algae 2050 comes in a 90% triglyceride form for increased bioavailability and better absorption compared to ethyl esters.



CONCENTRATED USING SUPERLIGHT™ TECHNOLOGY

A proprietary process created by VivoMega specifically designed to process algae oils with minimum exposure to heat and superior oxidation protection.



UNMATCHED SUSTAINABILITY STANDARDS

All VivoMega products are SEDEX certified, providing brands assurance that we operate with high ethical standards and follow sustainable sourcing practices.

Taste the Difference Quality Makes

Request Sample Today >>

VIVOMEGA™

GC Rieber VivoMega™, based in Norway, is a leader in supplying environmentally friendly and sustainable omega-3 solutions from fish and algal oils.

MARKET-LEADING QUALITY | SUPERB SMELL & TASTE | UNMATCHED PURITY
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FISHING FOR ANSWERS

CAN ALGAL OIL BE AN EQUIVALENT NUTRITION SOURCE TO FISH OIL?

A well-known study has shown that algal oil-based DHA is bioequivalent to salmon in providing DHA to plasma and red blood cells.

ARE EPA AND DHA MOLECULAR STRUCTURES THE SAME FOR ALGAL AND FISH OIL?

Yes, the EPA or DHA molecule in fish oil is the same as the EPA or DHA molecule in microalgal oil.

HOW DO FISH GET THEIR OMEGA-3S?

Omega-3s in fish oil represent a historic ingestion of omega-3s from algae, bacteria, and zooplankton.

HOW DO MICROALGAE MAKE OMEGA-3S?

Through fermentation of microbial species.

ARE ALGAL OMEGA-3S PLANT-BASED?

Technically, no! Plants are multicellular. Microalgae used to produce algal omega-3s are unicellular. However, algal omega-3s are considered vegan.

FUN FACT VivoMega™ Algal Oils are Vegan Certified!



WHAT CLINICAL STUDIES HAVE BEEN CONDUCTED ON FISH OIL?

The majority of EPA and DHA studies (over 90%) on brain, heart, and eye health have been performed on refined fish oils.

WHAT CLINICAL STUDIES HAVE BEEN CONDUCTED ON ALGAL OIL?

Maternal and infant health represent the majority of clinical studies within the algal oils omega-3 space.

CAN THE 45,000+ EPA AND DHA CLINICAL STUDIES BE APPLIED TO EITHER SOURCE?

Considering that fish oil and algal oil are chemically identical, the answer is YES!

WHICH IS MORE SUSTAINABLE?

Both fish and algal oils can be a sustainable source of omega-3s if sourced from the right ingredient supplier.

VIVOMEGA™

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