



Dedicated DHA from Marine Microalgae

Sustainably from nature.
Perfected by science.



Why DHA is Evolving

Cognitive health, vision, prenatal nutrition, and early-life wellness are shifting toward daily, lifelong support, positioning DHA as a foundational nutrient across cognitive, visual, and life-stage nutrition.

According to SPINS, DHA products are growing at approximately +12.6% in dollar sales within the cognitive health category, confirming DHA's momentum as one of the fastest-growing functional ingredients in the space.

At the same time, the industry is asking a critical question:



How will DHA scale sustainably for the future?

Why Marine Microalgae is the Future Platform

Marine microalgae is the original source of DHA in the marine ecosystem.

Today, advances in microalgae cultivation allow DHA to be produced in controlled, closed bioreactor systems, independent of ocean variability.

Industry projections indicate that **global microalgae oil production is expected to grow by approximately 80% by 2030**, reflecting increased investment in microalgae as a scalable, sustainable lipid platform capable of supporting future DHA demand, according to MisPeces / Seafood Media Group.

Because Algalis™ is developed from marine microalgae cultivated in controlled, closed systems, it also enables a high level of traceability throughout the production process.

Algalis™ is built on this platform.



Approach



Dedicated DHA, Designed with Intent

Algalis™ is a DHA-focused technology platform created for applications where DHA plays a central role in product performance and brand credibility.



Advanced Marine Microalgae Technology

DHA is derived from marine microalgae cultivated in controlled bioreactors, enabling consistent quality, purity, and supply reliability.



Sustainability by Design

Direct microalgae sourcing reduces dependence on marine ecosystems while supporting scalable, future-ready nutrition.



Clean-Label Confidence

Closed systems and solvent-free processing support transparent, brand-friendly ingredient stories.



Certified Plant-Based Integrity

V-Label certified, supporting premium, plant-based, and global brand positioning.



IAOS Certified Quality

IAOS certification ensures compliance with internationally recognized standards for quality, safety, and process integrity.



Formulation Flexibility

Multiple triglyceride formats and DHA concentration levels to support diverse product designs and consumer needs.

Product EPA/DHA	Type	EPA mg/g	DHA mg/g	Omega-3 mg/g
Algae 400 DHA	nTG	-	400	410
Algae 500 DHA	nTG	-	500	510
Algae 600 DHA	(rTG)	-	600	610
Algae 750 DHA	(rTG)	-	750	760
Algae 800 DHA	(rTG)	-	800	810



PRENATAL



VISION



BRAIN

(nTG) = Natural Triglycerides
(rTG) = Re-esterified Triglycerides

Advanced CO₂ Technology, Applied to Microalgae

Algalis™ goes beyond sourcing DHA from marine microalgae. It applies supercritical CO₂ fractionation technology to refine and concentrate algae oil under very gentle operating conditions.

This approach allows Naturmega to:

- ✓ Solvent-free processing, minimizing carbon footprint while maintaining oil integrity
- ✓ Preserve oil integrity through mild temperatures and pressures
- ✓ Reuse CO₂ within a closed-loop system
- ✓ Support high-purity, clean-label DHA outcomes

By combining marine microalgae as a future-ready DHA platform with supercritical CO₂ technology, Algalis™ aligns sustainability, precision, and scalability within a single system.

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