



NEXT GENERATION LIPIDS,
REDEFINED WITH PURPOSE

Naturmega Introduction

STRATEGIC PARTNERS IN LIPID INNOVATION



Sustainability at the Core

From wild-caught fish oils to algae-based innovations, our supply chain is traceable, eco-certified, backed by certifications like FSSC 22000, IFOS, Friend of the Sea, and more.

We empower leading health brands with clinically proven lipid platforms, scalable innovation, and sustainable manufacturing.



Proprietary Technology

Home to Latin America's **first supercritical CO₂** plant and a dedicated Innovation Center, combining molecular distillation and enzymatic biotech to deliver high-purity lipid solutions at scale.



Beyond Ingredients

We co-develop health-forward products and deliver custom, clinically supported solutions with flexible manufacturing.

17+

Pioneers in
Omega-3
Excellence

17+ years developing premium, high-purity Omega-3 solutions for the nutritional and pharmaceutical industries.

Smart Lipids Portfolio

A broad range of tailored lipid solutions - medium to high concentrates, high - DHA algae oils, and **Ruby-®**: our patented phospholipid-based platform for next-generation omega-3 delivery.



Global Reach

With a presence in over 30 countries, we are trusted by 35+ global clients and powered by a diverse team of 140+ employees.





OUR SMART LIPIDS PORTFOLIO

At Naturmega, we offer a wide range of advanced lipid ingredients tailored to your product needs and clinical targets. All available in multiple chemical forms (EE, TG, rTG, FFA).



Foundational Solutions - Medium Concentrates

- EPA + DHA: 50% to 70%
- Available in any ratio and format (EE, TG, FFA)



Powered By
senses

Ultra-Concentrated Omega-3, Engineered for Sensory Performance

Powered by Senses™

- Designed to address taste, smell, and consumer compliance, without compromising potency.
- EPA + DHA: 70–80% ultra-concentrates
- Available today in EE format, optimized for sensory performance
- Next generation TG format in development, maintaining the same purity and sensory focus
- Produced using supercritical CO₂ fractionation for exceptional purity and consistency



Plant-Based Innovations - Refined Algae DHA Oils

- TG form
- Ideal for plant-based and vegan formulations
- DHA: 60% to 80%
- rTG form
- Supercritical CO₂ extraction for superior purity



Clinical-Driven Lipid Innovation Bonded phospholipid omega-3s designed to work in harmony with human biology.

- Patented Bonded Phospholipid Lipid (BPL-O3™) platform
- Clinically supported enhanced absorption and cellular delivery
- Designed for high-performance, differentiated formulations
- A versatile platform to enable multiple health applications



Market Intelligence + Trend Mapping

Global category trends, consumer insights, regulatory updates, crude oil sourcing, pricing dynamics, and seasonal catch forecasts that guide opportunity identification.



Ideation Workshops with Clients

Collaborative innovation sessions and formulation brainstorming to define winning concepts aligned with brand goals and market needs.



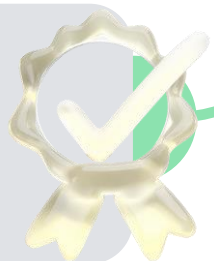
Pilot Development + Prototyping

Rapid prototyping across softgels, gummies, emulsions, algae oils, and high-concentrate systems, supported by our *Naturmega Senses Panel™* that evaluates taste, smell, texture, and finished product quality.



Scale-Up + Launch Support

Stability data, QC processes, certifications, and claims support to ensure a smooth transition into commercial manufacturing and market launch.



Our Co-Creation Framework: From Insight to Market

A collaborative, science-driven process that transforms insights into differentiated lipid solutions.



The innovation
center



Powered By
senses

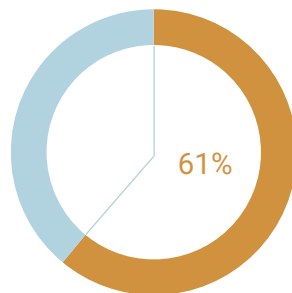
Experience The Senses Of **Purity**

Ultra-concentrated omega-3, perfected for
sensory performance



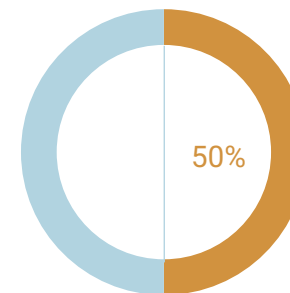
Sensory Experience Is Now the #1 Barrier in Omega-3

Consumers don't quit omega-3 because of science.
They quit because of taste, smell, and format.



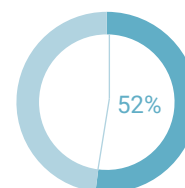
Pill Fatigue is a reality

61% of consumers who currently take capsules would prefer chewables over other formats.*

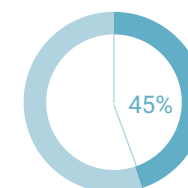


50% of omega-3 supplement users reported that **flavor or aftertaste** is the **biggest challenge** in maintaining regular intake.

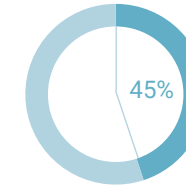
Top 3 Reasons Why Consumers Switch Their Omega-3 Supplement Brand.



Better Taste



Higher Perceived Quality



Higher Potency

Sensory performance is no longer a formulation detail, it is a commercial necessity.

Source: NBU/Nood Survey, targeting consumers who said they either always, often or sometimes take dietary supplements and also said they currently are omega-3 supplements, aged 18–55, December 2024. N=3. Conducted by an independent market research firm. Question: What, if anything, do you find challenging about maintaining a regular intake of omega-3 supplements? Please select your top 3.
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Omega-3 still struggles with sensory barriers

Despite strong science, omega-3 continues to face one major challenge in formulation and consumer acceptance: **sensory performance**.

-  **Fishy odor and aftertaste**
-  **Yellow or dark coloration**
-  **Oxidation and rancidity perception**
-  **Poor experience in gummies, liquids, and softgels**

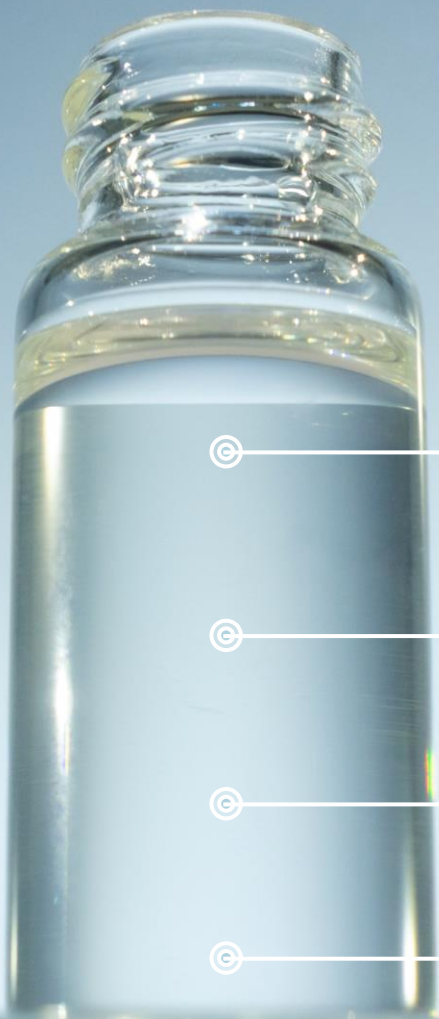
If it doesn't taste, smell, or look right, consumers don't come back.



Powered By
senses

Better sensory performance unlocks growth

Modern consumers expect omega-3 products to deliver **health benefits without compromise.**



Clean taste = higher compliance



Neutral aroma = broader applications



Clear color = premium perception



This is where EssentiOmega Nova™ Senses changes the game.

Introducing EssentiOmega Nova™ Senses

– The New Standard in Ethyl Ester Purity

A next-generation EE fish oil engineered for exceptional sensory quality, cleaner color, superior odor profile, and enhanced oxidative stability.

Key Sensory Attributes



Color: exceptionally clear appearance for high-quality softgels



Odor: low-odor profile with reduced volatile compounds



Taste: neutral sensory profile suitable for advanced delivery systems



Oxidative Stability: optimized parameters for extended shelf life

Technology & Differentiators

EssentiOmega Nova™ Senses is produced using Naturmega's supercritical CO₂ technology, delivering ultra-pure EPA/DHA ethyl esters with refined sensory performance and batch-to-batch consistency.

Sensory performance, engineered at the molecular level

Properties Improved



Gardner color

< 1

Efecto organoléptico

Menor sabor ácido o amargo

Neutral taste or flavor-ready

Clear, bright appearance

Anisidine value <8

Peroxide value <1 meq O₂/kg

BEFORE VS AFTER – VISUAL COMPARISON

Conventional omega-3:

Yellow Coloration

Strong Fish Odor

Sensory Rebound

VS

 **essenti**
omega nova

Powered By
senses

clear color

Neutral aroma

Neutral flavor

Low oxidation

Visual purity signals quality before the first dose.



Available EPA and DHA concentrations include:

Clean Taste

Minimal Odor

No Fishy Reminders

THE ESSENTIOMEGA NOVA™ SENSES PORTFOLIO

A complete range of ultra-concentrated omega-3 solutions, all optimized for sensory performance.

Product EPA/DHA	Type	EPA mg/g	DHA mg/g	Omega-3 mg/g	Applications
400/300	EE	400	300	800	<div></div>
40/30	EE	350	260	680	<div></div>
500/200	EE	500	200	750	<div></div>
500/250	EE	500	250	800	<div></div>
550/250	EE	550	250	850	<div></div>
200/500	EE	200	500	700	<div></div>
EPA 700	EE	700	-	715	<div></div>
DHA 700	EE	-	700	710	<div></div>

PRENATAL

VISION

BRAIN

SPORTS

HEART

INFLAMMATION