naturmega®

Smart lipids. Trusted science. Global impact.



Smart Lipids Portfolio

Advanced **Omega-3** and **Lipid Solutions** for **Global Health**.

For more than 2 decades, Naturmega® has advanced lipid science, redefining the way Omega-3 is conceived, delivered, and absorbed. Through pioneering technologies, from molecular distillation to supercritical CO_2 fractionation and our patented platforms, we set new standards of freshness, purity, and performance.

Today, **Naturmega®** Empowers **Global Brands** To Bring **Smarter**, More **Sustainable Nutrition** To **Life.**



The full spectrum of **Omega-3** innovation.

Reliable solutions for today. Designed platforms for tomorrow.

Reliable Omega-3 for today's market needs.

essenti omega

essenti omega nova
Powered By senses

Standard and high-purity concentrates.

algalis

Algae-based Omega-3, DHA focused.

dualis™

A supply-resilient hybrid Fish+Algae

senses

No fishy taste or odor, and a clear color, across our high concentrates.

megaPet

Lipids for Pet Vitality.

Designed lipid platforms redefining the **future of Omega-3.**

rubyO®

Clinically validated **Bonded Phospholipid Omega-3 (BPL-O3™)** for enhanced delivery and premium differentiation.

BeyondKrill™

A next-generation, shellfish-free alternative delivering 2X the EPA + DHA strength vs. conventional krill oil.





essenti omega®

Essential lipids for everyday wellness.

EssentiOmega® is built on molecular distillation technology, the first of its kind in Latin America. This process ensures fresh and pure Omega-3 concentrates that deliver reliable quality for global wellness brands.

Benefits:

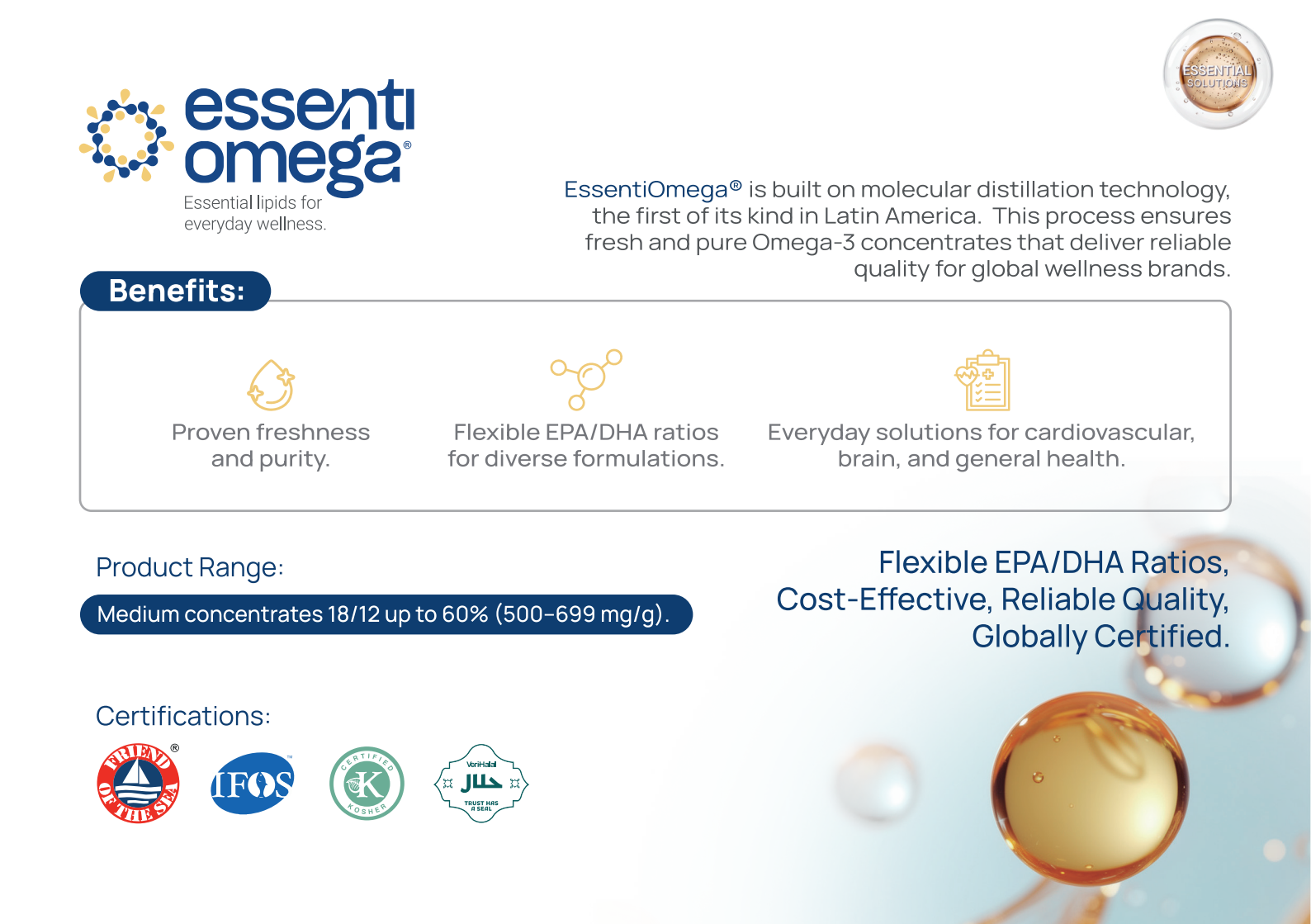
- Proven freshness and purity.
- Flexible EPA/DHA ratios for diverse formulations.
- Everyday solutions for cardiovascular, brain, and general health.

Product Range:

Medium concentrates 18/12 up to 60% (500–699 mg/g).

Flexible EPA/DHA Ratios, Cost-Effective, Reliable Quality, Globally Certified.

Certifications:



essenti omega



This is a conceptual mockup illustrating how a finished product featuring our ingredient could look.

Product EPA/DHA	Type	EPA	DHA	Omega-3	Applications
		mg/g	mg/g	mg/g	
18/12	TG	160	100	300	○ ○ ○ ✓ ✓ ✓
30/20	EE & TG	265	170	500	✓ ✓ ✓ ✓ ✓ ✓
33/22	EE	300	200	600	○ ○ ○ ✓ ✓ ✓
34/24	TG	300	200	600	○ ○ ○ ✓ ✓ ✓
35/25	EE	320	220	600	○ ○ ○ ✓ ✓ ✓
35/30	EE	300	250	600	✓ ✓ ✓ ✓ ✓ ✓
10/50	EE & TG	80	450	600	✓ ✓ ✓ ○ ○ ○
12/50	TG	100	468	630	✓ ✓ ✓ ○ ○ ○
150/500	EE	150	500	700	✓ ✓ ✓ ○ ○ ○
10/56	TG	115	500	615	✓ ✓ ✓ ○ ○ ○
8/60	EE & TG	60	510	650	✓ ✓ ✓ ○ ○ ○
FFA 58%	FFA	35*	23*	68*	○ ○ ○ ○ ✓ ✓
TG 60%	TG	-	-	600	✓ ✓ ✓ ✓ ✓ ✓
TG 70%	TG	-	-	700	✓ ✓ ✓ ✓ ✓ ✓
460/180	EE & TG	460	180	680	○ ○ ○ ✓ ✓ ✓
360/240	EE & TG	360	240	680	○ ○ ○ ✓ ✓ ✓
40/20	EE & TG	380	170	600	○ ○ ○ ✓ ✓ ✓

PRENATAL VISION BRAIN SPORTS HEART INFLAMMATION

*Results in Units A%
TG = triglycerides; EE = Ethyl Esters;
FFA = Free Fatty Acids

essentiomega nova
Exceptional Purity.
Advanced Performance.

Powered By senses

EssentiOmega® Nova powered by Senses, is crafted using Naturmega's pioneering supercritical CO_2 fractionation technology, delivering ultra-high-purity Omega-3 concentrates with exceptional freshness, performance, and sustainability.

Benefits:

- >70% ultra concentrates for precise dosing.
- Superior oxidation stability and purity.
- Ideal for clinical nutrition, pharmaceuticals, and premium formulations.

Product Range:

EssentiOmega® Nova concentrates 70– 85% EPA/DHA (700–850 mg/g).

ESSENTIAL SOLUTIONS

Certifications:

FRIEND OF THE SEA ® · GMO FREE · IFOS™ · VeriHalal حلال TRUST HAS A SEAL



essenti omega nova | Powered By senses



Product EPA/DHA	Type	EPA	DHA	Omega-3
		mg/g	mg/g	mg/g
400/300	EE	400	300	800
50/20	EE	460	180	680
40/30	EE	350	260	680
500/200	EE	500	200	750
500/250	EE	500	250	800
550/250	EE	550	250	850
200/500	EE	200	500	700
EPA 700	EE	700	-	715
DHA 700	EE	-	700	710

Applications

PRENATAL	VISION	BRAIN	SPORTS	HEART	INFLAMMATION
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Ultra-Concentrated Omega-3,

Engineered for Sensory Performance.

This is a conceptual mockup illustrating how a finished product featuring our ingredient could look.

algalis®

Sustainably from nature.
Perfected by science.

Algalis™ I Plant-Based Lipids. Naturally Pure.
Made from sustainably cultivated algae that deliver fresh, pure DHA omega-3 solutions for vegan, prenatal, and eco-conscious markets.

Benefits:

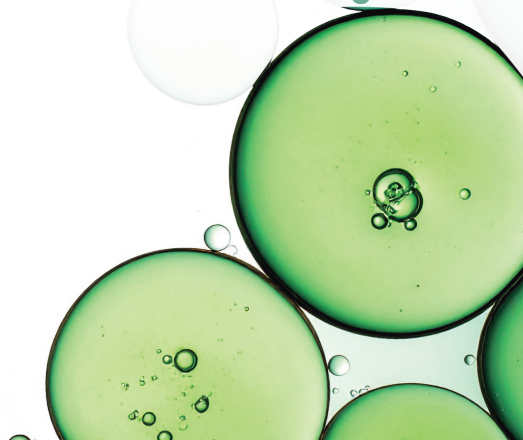
- 100% plant-based and ocean-friendly.
- High DHA concentrations up to 800 mg/g.
- Freshness and purity preserved from culture to capsule.

Dedicated **DHA** from **Marine Microalgae.**

Product Range:

Algalis™ DHA 400–800 mg/g.

Certifications:



algalis®

By combining marine microalgae as a future-ready DHA platform with supercritical CO_2 technology, Algalis™ aligns sustainability, precision, and scalability within a single system.

Product EPA/DHA	Type	EPA	DHA	Omega-3	Applications
		mg/g	mg/g	mg/g	
Algae 400 DHA	TG	-	400	410	
Algae 500 DHA	TG	-	500	510	
Algae 600 DHA	TG	-	600	610	
Algae 750 DHA	TG	-	750	760	
Algae 800 DHA	TG	-	800	810	

PRENATAL VISION BRAIN SPORTS HEART INFLAMMATION

TG = Triglycerides

This is a conceptual mockup illustrating how a finished product featuring our ingredient could look.

Science Driven Sensory Perfection

Senses™ technology redefines the Omega-3 experience by addressing its biggest challenge: sensory perception. Despite strong scientific benefits, many consumers discontinue use due to unpleasant taste, odor, and overall experience.

Senses™ was developed to eliminate these barriers at the source, not by masking them, but through advanced supercritical CO_2 purification that enhances oil quality at the molecular level.

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.



The outcome is a significantly better consumer experience, leading to higher compliance and stronger perceived product quality.

Ultimately, Senses transforms omega-3 into a more enjoyable, effective, and market-ready solution, aligned with modern consumer expectations.

dualis™

Dual-Origin Omega-3 Technology

Dualis™ is a hybrid omega-3 technology combining algal and fish oils for a more resilient, sustainable supply. Customizable EPA/DHA ratios enable tailored formulations while reducing exposure to fish oil supply and price volatility.

Benefits:

Supply Chain Resilience.

Price Stability.

Sustainable Sourcing.

Product EPA/DHA	Type	EPA	DHA	Omega-3
		mg/g	mg/g	mg/g
10/50	EE & TG	80	450	600
100/500	EE & TG	100	500	650
150/500	EE & TG	150	500	700
200/500	EE & TG	200	500	750

PRENATAL · VISION · BRAIN · SPORTS · HEART · INFLAMMATION

Plus more formulations in pipeline,
please inquire for tailor made profiles.

TG = Triglycerides; EE = Ethyl Esters

Note: All formulations are in active development.
Final specifications, sensory profiles, and stability data will be shared as development progresses.



This is a conceptual mockup illustrating how a finished product featuring our ingredient could look.



megaPet®

Lipids for Pet Vitality.

Megapet™ is Naturmega's strategic platform for pet nutrition. It brings together advanced lipid science, scalable manufacturing, and formulation flexibility to enable brands to build differentiated Omega-3 products across multiple positioning tiers.

From cost-efficient daily nutrition to premium, specialized applications, Megapet™ transforms Omega-3 into a performance-driven formulation tool.

Megapet™ Omega System

Two targeted solutions for pet nutrition performance.

Megapet® Daily

Product EPA/DHA	Type	EPA	DHA	Omega-3
		mg/g	mg/g	mg/g
FFA 58%	FFA	35*	23*	68*

Performance-driven support for mobility, activity, and vitality. Targeted functional positioning.

Megapet® Active

Product EPA/DHA	Type	EPA	DHA	Omega-3
		mg/g	mg/g	mg/g
18/12	TG	160	100	300

Foundational nutrition for everyday pet health. Balanced, cost-efficient formulations.

*Results in Units A% | FFA = Free Fatty Acids



This is a conceptual mockup illustrating how a finished product featuring our ingredient could look.

Smarter Lipids.
Real Results.

Ruby-O® is Naturmega's patented Bonded Phospholipid Omega-3 (BPL-03™) platform, designed to redefine Omega-3 absorption and performance. Its unique molecular structure achieves clinically proven results at lower doses, delivering more with less.

- Clinically validated absorption with peer-reviewed science.
- Higher efficiency at lower doses, achieving more with less.
- Versatile phospholipid delivery system for stability and performance.
- Unique platform capable of combining Omega-3s with other bioactives.
- Patented in the US & internationally, ensuring innovation leadership.
- Adaptable to multiple delivery formats, enabling diverse formulations.

Built For What's Next

Ruby-O® is a flexible lipid platform that allows brands to design Omega-3 around the benefit they want to deliver. Choose the EPA and DHA profile, incorporate complementary actives and create differentiated products across multiple formats.

One platform. **More ways to build what's possible.**

Ruby-O® Formulation	Total PL (mg/g)	LPC (mg/g)	LPS (mg/g)	EPA (mg/g)	DHA (mg/g)	EPA+DHA (mg/g)	Other Bioactives / Differentiators	Source
NeuroGate™	300	130	-	-	400	400		Fish or Algae
NeuroGate™ AX	300	85	75	-	400	400	Astaxanthin 6 mg	Fish or Algae
Cardio Balance™	400	-	-	160	110	270	Clinically studied formulation	Fish oil
Cardio Core	300	130	-	273	229	502		Fish oil
Restore	300	85	75	250	100	350		Fish oil
MenoBalance	200	-	100	260	100	360	PS 100 mg	Fish oil
Materna	300	140	-	-	450	450		Fish or Algae
CardiQ™	243	-	-	221.13	229	450.13	Coenzyme Q10 50 mg	Fish oil
LuminO™	240	100	-	-	320	320	Lutein 20 mg, Zeaxanthin 4 mg	Fish or Algae
CellSync	300	-	-	220	170	390	Alpha-Lipoic Acid 100 mg	Fish oil

BeyondKrill™

High-Strength EPA+DHA Formula

Powered by Ruby-O® BPL-O3™ Technology

More phospholipids bonded to EPA + DHA, thanks to BPL-O3™ technology

Beyond Krill™ represents a new generation of phospholipid omega-3 formulations designed to go beyond the natural limitations of krill oil.

This high-strength formulation delivers 450 mg of EPA+DHA, twice the omega-3 concentration of conventional krill oil, with more phospholipids bonded to EPA+DHA, in a 100% shellfish-free formulation.

Total EPA +DHA :	450 mg
Total EPA:	250 mg
Total DHA:	200 mg
Total Phospholipids:	300 mg
Phospholipids Bonded to EPA + DHA :	120 mg * (Higher than krill oil)

*EPA+DHA – Bonded Phospholipids determined by internal analytical methods based on chromatography and NMR.



One of many formulation possibilities powered by Ruby-O®.

This is a conceptual mockup illustrating how a finished product featuring our ingredient could look.

NEXT-GEN INNOVATIONS



naturmega®

Smart lipids. Trusted science. Global impact.

Redefining lipids

with science, sustainability, and purpose.

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