

Naturmega Announces Official Launch of State-of-the-Art Supercritical Fluid Fractionation Facility, First of Its Kind in South America

Barranquilla, Colombia, August, 2025

Naturmega, a global leader in advanced lipid science, proudly announces the official launch of its Supercritical Fluid Fractionation Facility (SCFF), the first of its kind for omega-3 production in South America.

At Naturmega, we are continuously redefining omega-3 innovation. This pioneering facility marks a new era for the industry, enabling cleaner, more sustainable, and more powerful solutions to meet the evolving health needs of consumers worldwide. With this milestone, Naturmega expands its technological leadership in omega-3 innovation, unlocking new levels of purity and sustainability for the global market. The new SCFF enables the production of ultra-purified EPA and DHA concentrates of up to 80%, designed to meet the most demanding applications in cardiovascular, cognitive, maternal, and sports health.

EssentiOmega® Nova: Ultra-Purified Omega-3s

At the heart of this breakthrough is EssentiOmega® Nova, Naturmega's new generation of ultra-purified fish oil concentrates. Leveraging supercritical fluid fractionation technology, Nova delivers up to 80% EPA and DHA with unmatched quality, safety, and environmental responsibility. This advanced process not only achieves higher concentrations, but also enhances the organoleptic qualities of the oils, better palatability, reduced odor, and a cleaner sensory profile, making them more appealing to consumers and easier to integrate into advanced formulations.

EssentiOmega® Algae: Plant-Based, High-DHA Innovation

Naturmega also advances its EssentiOmega® Algae line, delivering sustainable, high-DHA omega-3 ingredients for plant-based, vegan, and prenatal nutrition. Produced with the same precision and purity standards, this portfolio provides brands with scalable alternatives that align with consumer demand for cleaner, responsible nutrition.

Ruby-O®: Redefining Absorption with Phospholipids

Most importantly, Naturmega continues to invest heavily in the further development of Ruby-O®, its patented Bonded Phospholipid Omega-3 (BPL-O3) platform. Ruby-O® is redefining the omega-3 category with clinically demonstrated advantages, including superior bioavailability, Omega-3 Index improvement, and triglyceride reduction at lower doses. With peer-reviewed results soon to be published, Ruby-O® represents not just the future of Naturmega, but the future of how omegas are absorbed, delivered, and retained in the body.

A New Era of Lipid Science

"For more than 30 years, our organization has been dedicated to advancing omega-3 research and manufacturing," said Jorge Atencio, General Manager of Naturmega. "The opening of our Supercritical Fluid Fractionation Facility marks not only a first for South America, but also a global step forward in producing cleaner, more potent, and more sustainable omega-3s for human health."

With EssentiOmega® Nova, EssentiOmega® Algae, and Ruby-O®, Naturmega offers partners across the globe a complete portfolio, from premium fish and algae oils to next-generation delivery platforms.

About Naturmega

Naturmega is a leading manufacturer of advanced lipid solutions based in Barranquilla, Colombia, strategically located close to the best sources of marine oils from the Pacific. With more than 30 years of expertise in omega-3 science and innovation, the company is redefining lipids through science and sustainable solutions. Guided by world-class manufacturing and a commitment to human health, Naturmega partners with global brands and CDMOs to bring differentiated and responsible innovations to the health and wellness industry.

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