KD Nutra®
Creating Health Solutions

The Best Start in Life with Omega-3 Infant Nutrition.



Shaping Healthier Futures from the Very Beginning

From the earliest stages of life, establishing the right nutritional foundation is critical. Our infant nutrition Omega-3 solutions are designed to mirror the natural balance found in human milk – supporting early brain and visual development. We partner with you to deliver science-led, high-performance Omega-3 solutions that de-risk innovation and give you the confidence of partnering with a global leader, elevating your product to premium standards.

Tuna-based DHA: The Strategic choice for Superior Infant Nutrition



In today's competitive Omega-3 landscape, choosing the right DHA source is critical. Tuna-based DHA stands as the gold standard for:

- Biological efficacy
- Sensory neutrality
- Cost-to-potency performance

For brands prioritizing infant development and consumer satisfaction, tuna oil is the clear, strategic choice – delivering performance you can trust and the **confidence to lead in a competitive market.**

A Lipid Profile Designed by Nature

Why Tuna? Tuna oil is a unique marine lipid, naturally predisposed to high concentrations of **Docosahexaenoic Acid (DHA)**. Unlike standard fish oils, it provides a specific fatty acid matrix that mirrors the needs of the developing human brain.

The Performance Advantage lies in its naturally occurring lipid structure – delivered in a Natural Triglyceride (TG) Form for superior bioavailability. Combined with inherent DHA synergy and sensory excellence, it is uniquely suited to support efficient absorption, optimal brain development, and seamless integration into infant formulas.

Natural Triglyceride Form

Delivered in its natural structure, tuna oil in TG (triglyceride) form offers strong bioavailability[1] and supports efficient absorption.

Both TG and EE (ethyl ester) forms are widely used in Omega-3 supplementation, with TG reflecting the structure naturally found in fish.

Sensory Excellence

Our tuna oil undergoes advanced processes to achieve a neutral taste and odor profile, making it ideal for seamless incorporation and 'stealth fortification' in infant formulas and sensitive pediatric liquids.



1.Dyerberg, J., et al. (2010). „Bioavailability of n-3 fatty acid formulations." Prostaglandins, Leukotrienes and Essential Fatty Acids. Schuchardt, J. P., & Hahn, A. (2013). „Bioavailability of long-chain omega-3 fatty acids." Prostaglandins, Leukotrienes and Essential Fatty Acids. | S. G. Fard et al, 2020. Microencapsulated Tuna Oil Results in Higher Absorption of DHA in Toddlers. 10.3390/nu12010248

Keeping Babies Healthy and Safe Together

We are committed to delivering solutions that are:

- **Natural** – Reflecting the composition of human milk
- **Clean** – Purified to the highest standards
- **Trustworthy** – Fully traceable and compliant
- **Consistent** – Reliable performance batch after batch

By owning and controlling the entire production chain, we provide partners with the confidence of working with a global leader, alongside uncompromising quality and supply security.







Delivering What Matters Most

Our tuna-based Omega-3 solutions are focused on the priorities that matter to both parents and healthcare professionals:

- Digestive comfort
- Brain development
- Visual health
- Product safety and stability





The Most Clinically Studied Omega-3 Source for Infant Nutrition

Parental trust is built on comfort and outcomes. In fact, the comfort factor is the primary driver for parental repeat-purchases. Our Omega-3 tuna oil is engineered to deliver both - giving brands the confidence to deliver products parents can rely on from the very first days of life.

Tuna oil composition is closely aligned with human milk fatty acids, providing a naturally balanced Omega-3 DHA + EPA profile for optimal infant development.

DHA + EPA Synergy

Unlike isolated DHA sources, such as algal oil formulas, tuna oil naturally contains a minor concentration of EPA, which:

- Together with DHA, supports normal heart function[2]
- Provides broad nutritional support for mothers and their babies

Neuro-Visual Development

Tuna-based DHA is a naturally rich Omega-3 ingredient that supports brain maintenance and the healthy development of infants' brain and vision.

- Supports normal brain development of fetuses and breastfed infants[3]
- DHA contributes to maintenance of normal brain function[4]
- Supports normal visual development of infants up to 12 months[5]

Digestive Comfort

Tuna oil provides a high-quality lipid profile rich in DHA, with physicochemical and sensory properties[6] suitable for infant nutrition applications, and a fatty acid composition that closely reflects human milk.

- Fatty acid composition aligned with human milk to support early-life nutrition
- Refined sensory profile suitable for infant formulations

2.EFSA-approved health claim: EPA and DHA contribute to the normal function of the heart. The beneficial effect is obtained with a daily intake of 250mg of EPA and DHA. **3.**EFSA-approved health claim: Docosahexaenoic acid (DHA) maternal intake contributes to the normal brain development of the foetus and breastfed infants. The beneficial effect is obtained with a daily intake of 250 mg of DHA. **4.**EFSA-approved health claim: DHA contributes to maintenance of normal brain function. The beneficial effect is obtained with a daily intake of 250 mg of DHA. **5.**EFSA-approved health claim: DHA intake contributes to the normal visual development of infants up to 12 months of age. The beneficial effect is obtained with a daily intake of 100 mg of DHA. When the claim is used on follow-on formula, the food shall contain at least 0,3 % of the total fatty acids as DHA. **6.** Dayse A.S.B. de Oliveira et al. Physicochemical and sensory characterization of refined and deodorized tuna (Thunnus albacares) by-product oil obtained by enzymatic hydrolysis. Food Chemistry, 2016.

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

The Gold Standard for Quality and Compliance

Our products are recognized for setting and elevating industry quality standards. At KD Nutra®, we believe safety is non negotiable. Our tuna oil undergoes a multi-stage refining process, ensuring it is 'cleaner than the ocean'.

Our vertically integrated production provides full control, traceability, and consistent quality – giving our partners complete confidence in every batch.

Exceptional Purity

Our oil meets GOED and complies with EU/USA food regulations.
Our advanced molecular distillation ensures non-detectable levels for:

- Heavy metals
- PCBs
- Dioxins

Oxidative Stability (TOTOX)

We maintain the industry's lowest Total Oxidation (TOTOX) scores, preventing the degradation that leads to off-flavors and ensures a longer, more stable shelf life for your finished products.

Responsible Sourcing

Sourced from MSC-certified fisheries, our oil is a natural byproduct of the food industry – offering a more ecologically responsible solution compared to energy-intensive fermentation processes.







The Premium Standard for Infant Formula

For brands aiming to lead in infant nutrition, tuna-based Omega-3 DHA represents the strategic choice that delivers clear advantages:

- Scientifically backed
- Highly bioavailable
- Sensory neutrality
- Cost efficiency

We offer the gold standard for those who refuse to compromise on infant health and consumer experience.

Let's Build Better Nutrition Together

Partner with us to create next-generation infant Omega-3 formulas that deliver measurable benefits, trusted quality, and meaningful differentiation in the market.

KD Nutra®
Creating Health Solutions

USA-Sales@kdpharmagroup.com or
EU-AP-Sales@kdpharmagroup.com
www.kdpharmagroup.com