

# Akonino®

## – Naturally good business



### AAK Akonino® Organic range

- Organic palm oil
- Organic rapeseed oil
- Organic palm olein
- Organic high oleic sunflower oil
- Organic sunflower oil
- Organic soybean oil
- Organic coconut oil

**A mother's milk delivers everything a child needs for healthy development, with natural ease and efficiency.**

Custom-designed Akonino solution offers unique properties and the fatty acids you require in exactly the proportions you need. Extracted from natural sources and blended with exceptional precision, securing a consistent product that lives up to your brand promise – as naturally as feeding a baby

#### **Akonino® Organic**

Based on a broad range of organic raw materials, AAK can tailor Akonino® Organic products for infant formula and food applications for small children.

#### **Strict regulations**

The organic raw materials used by AAK are carefully selected, and safety aspects are constantly evaluated along the whole production chain.

Organic foods are produced using approved methods which limit the use of pesticides and fertilizers.

**Everything**  
we do  
is about  
Making Better Happen™

Explore more at  
[www.aak.com](http://www.aak.com)

Or contact us at  
[info@aaak.com](mailto:info@aaak.com)

**AAK**

# Akonino® DHA - a plant-based omega-3 fatty acid for infant formula that offers market-leading quality levels



**DHA has several clinically proven benefits and is mandatory in infant formula across the EU.**

While DHA is commonly derived from fish oils, Akonino® DHA is a vegan-friendly solution that is sustainably sourced from algae.

#### Formulation benefits

Akonino® DHA is a high purity ingredient with neutral taste and color, which is difficult to achieve with alternatives based on fish oil.

It is created from microalgae grown through a fermentation process in a closed production environment.

#### Sustainable solution

Akonino® DHA has a far lower environmental impact than DHA sourced from fish. While the microalgae used are sourced from the sea, they are grown in closed conditions that mean any environmental impact can be strictly controlled and minimized.

### The benefits of Akonino® DHA

- Highest quality in the market
- Neutral taste and color
- High purity
- Vegan-friendly
- Sustainably sourced
- Solvent-free
- European origin
- EU Infant Novel Food approval secured

Supporting three of the UN Sustainable Development Goals



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# Akonino® ELIP Phospholipid-bound LCPs – A part of the magic in human milk

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## Ingredients closer to human milk

With the Akonino® ELIP solution we have the opportunity to support you with a unique, naturally sourced product containing phospholipids and long-chain polyunsaturated fatty acids (LCPUFA) in the same molecule, mimicking the human milk structure.

## Natural content

The phospholipids are sourced from egg yolk and have a natural content of omega-3 (DHA) and omega-6 (ARA)—substances that occur naturally in human milk, and are the predominant unsaturated fatty acids found in the brain and the eyes. In addition, our solution naturally contains choline, cholesterol, and lutein, all of which are important nutrients for infants

## Synergetic effect

DHA is known to positively affect brain development and function, but to cross the blood brain barrier it must be bound to phospholipids. So consuming DHA already bound to phospholipids means that this DHA can more easily enter the brain

Choline also benefits brain function and science indicates that DHA and Choline work synergistically.

Having both Choline and DHA bound to a phospholipid shows an increased crossing of the blood brain barrier for DHA, positively impacting brain health.

Supporting three of the UN Sustainable Development Goals



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