

DHA from Algae

Supports Brain, Eye, and Immune Health*



DHA from Algae is available in 60 vegetarian softgels
DHA from Algae for Kids is available in 90 vegetarian softgels

Discussion

Algae is the original source of EPA/DHA in aquatic ecosystems. Certain microalgae produce high levels of EPA or DHA. Dr. Perlmutter's DHA from Algae is organically produced from a DHA-rich microalgae fermented broth. Clinical trials with DHA-rich oil indicate a favorable comparison to fish oil.*

Omega-3 polyunsaturated fatty acids (PUFAs) play a critical role in the normal development and functioning of the brain and central nervous system, with the conditionally essential fatty acid, docosahexaenoic acid (DHA), proven to be vital to pre- and post-natal brain development. DHA is transferred directly to the fetus during pregnancy, especially during the last trimester, and is supplied to the infant in mother's breast milk after birth. Functioning exclusively via cell membranes and anchored by phospholipid molecules, PUFAs such as DHA are involved in numerous processes affecting membrane fluidity and gene regulation. DHA is the primary structural fatty acid in the brain's gray matter (~60%) and the eye's retina, optimizing signal transmission in these organs and the overall nervous system. Approximately 50% of a neuronal membrane's weight is DHA. Low levels of this fatty acid have been correlated with memory loss, impairment of the ability to recognize and comprehend written words, poor night vision, and other neurological conditions. Meta-analyses confirm benefits in affective disorders. DHA also has immune-modulating and anti-inflammatory properties. Studies using algal DHA demonstrate efficacy for cardiovascular support, especially with respect to plasma triglycerides and oxidative stress.*

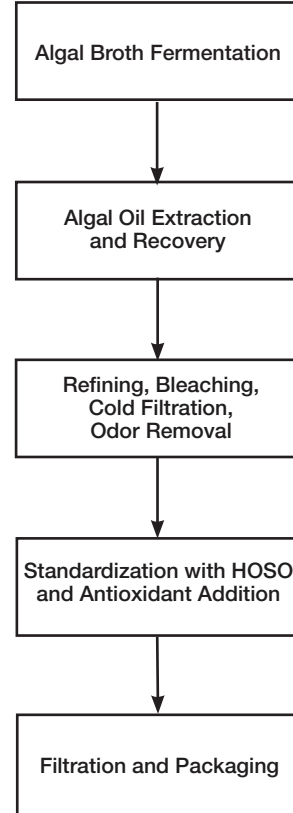
Eco-friendly, XYMOGEN's DHA from Algae/DHA from Algae for Kids meet the requirements that set high standards, including AIB International Consolidated Standards for Prerequisites and Food Safety Programs, Prop 65, and ANSI/ISO. The DHA is extracted from a fermented algal broth and processed without any heat exposure. (See chart for details).*

Clinical Applications

- » Supplemental DHA for vegetarians, vegans, and others preferring non-fish source*
- » Support optimal brain development and function in fetus/newborn*
- » Support against age-related decline of brain function*
- » Support immune health and healthy anti-inflammatory response*
- » Support eye health*
- » Support healthy disposition*
- » Support healthy blood lipid levels*

*Dr. Perlmutter's DHA from Algae contains docosahexaenoic acid (DHA), a conditionally essential omega-3 fatty acid. DHA is highly concentrated in brain synaptosomes, the cerebral cortex, mitochondria, and retina. It plays an important role in the fluidity and permeability of cell membranes and cellular communication, and supports optimal function of the brain, eyes, and immune system. This patented, processed formula is derived from marine algae.**

Manufacturing Process Flow Diagram:



*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.

DHA from Algae Supplement Facts

Serving Size: 1 Vegetarian Softgel

	Amount Per Serving	%Daily Value [†]
Calories	5	
Calories from Fat	5	
Total Fat	0.5 g	1%
DHA (docosahexaenoic acid from algal oil)	200 mg	**

[†] Percent Daily Values are based on a 2,000 calorie diet.

** Daily Value not established.

Other Ingredients: High oleic sunflower oil, sunflower lecithin, and tocopherols and ascorbyl palmitate (antioxidants) in a vegetarian capsule (carrageenan, non-GMO modified corn starch, sorbitol, glycerin, water, natural caramel color, and natural beta-carotene color).

Protected by US patents 5,407,957 and 5,492,938.

DIRECTIONS: Take one vegetarian softgel daily with a meal, or as directed by your healthcare practitioner.

DOES NOT CONTAIN: Wheat, gluten, corn protein, yeast, soy, animal or dairy products, fish, shellfish, peanuts, tree nuts, egg, artificial colors, artificial sweeteners, or preservatives.

CAUTIONS: Consult your healthcare practitioner before use. Keep out of reach of children. Avoid if allergic to any ingredient.

STORAGE: Keep tightly closed in a cool, dry place.

DHA from Algae for Kids Supplement Facts

Serving Size: 1 Vegetarian Softgel

	Amount Per Serving	%Daily Value
DHA (docosahexaenoic acid from algal oil)	100 mg	**

Other Ingredients: High oleic sunflower oil, sunflower lecithin, tocopherols and ascorbyl palmitate (antioxidants) in a vegetarian capsule (carrageenan, non-GMO modified corn starch, sorbitol, glycerin, water, natural caramel color and natural beta-carotene color).

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References

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All XYMOGEN® Formulas Meet or Exceed cGMP Quality Standards.

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