



A Camlin Fine Sciences Company

• Clean • Sustainable • Algae-Based Omega-3 Nutrition

ALGAL DHA POWDER

Delivering Innovation Through
Algae-Based DHA Solutions

Supplying high-purity **Algal DHA Powder** for clean, algae-based nutritional solutions. **Supports Brain, Heart, and Eye Health** with sustainable **Omega-3 Innovation**.

- | **Vegan**
- | **Non-Marine**
- | **Scientifically Supported**
- | **Sustainable**



PRODUCT OVERVIEW

Our **Algal DHA Powder** is a vegan Omega-3 derived from Schizochytrium sp., offering safe, stable, and sustainable nutrition for modern wellness applications.

Every scoop delivers pure Omega-3 from algae - no marine source required.

Available Forms

Algal DHA Powder

10-30%

Algal Omega-3 Powder
(DHA+EPA)

15-30%

Key Feature

- Clean-label, odorless, and water-dispersible
- Free from marine contaminants and heavy metals
- Non-GMO, and vegan
- Good oxidative stability
- Easy to blend into food, and supplements
- Ideal for nutraceuticals and functional foods
- Supported by scientific validation and quality certification

PRODUCT ADVANTAGES

Why Choose Algae-Based DHA Powder?

01

Sustainable & Renewable:
The key ingredient, algal oil, is extracted from our in-house cultivated microalgae.

02

Formulation Flexibility:
Suitable for dry blends, tablets, and capsules.

03

Sensory Profile:
Neutral odor and taste.

04

Stable & Long Shelf Life:
Oxidatively stable and protected by encapsulation.

05

Scientifically Proven:
Clinically backed DHA and EPA for cognitive, heart, and eye health.

Applications:



Functional foods



Dietary supplements



Maternal nutrition



Sports nutrition



Pharma ingredients

PRODUCT SPECIFICATIONS

ALGAL OMEGA-3 POWDER - HUMAN NUTRITION

Product and Description	Certification		Pack size (kg)	HS code	Form		Application		Organoleptic		Source	
	FSSC22000-V6	Halal			Liquid	Powder	Dietary supplement	Pharmaceutical ingredient	Color	Odor	Algae	Vegetarian
Biosus ALGAL Omega-3 Powder (Vegetarian Omega-3 Fatty Acids)												
Biosus DHA Powder 10% Water dispersible powder derived from microalgae containing 10% DHA (100 mg DHA/g of powder)	✓	✓	20	15156000		✓	✓		Off-white	N/C (Neutral/Characteristic)	✓	✓
Biosus DHA Powder 20% Water dispersible powder derived from microalgae containing 20% DHA (200 mg DHA/g of powder)	✓	✓	20	15156000		✓	✓		Off-white	N/C (Neutral/Characteristic)	✓	✓
Biosus DHA Powder 30% Water dispersible powder derived from microalgae containing 30% DHA (300 mg DHA/g of powder)	✓	✓	20	15156000		✓	✓		Off-white	N/C (Neutral/Characteristic)	✓	✓
Biosus Omega-3 Powder 15% Water dispersible powder derived from microalgae containing 10% DHA + 5% EPA (150 mg total Omega-3/g of powder)	✓	✓	20	15156000		✓	✓		Off-white	N/C (Neutral/Characteristic)	✓	✓
Biosus Omega-3 Powder 30% Water dispersible powder derived from microalgae containing 20% DHA + 10% EPA (300 mg total Omega-3/g of powder)	✓	✓	20	15156000		✓	✓		Off-white	N/C (Neutral/Characteristic)	✓	✓

N, Neutral odor and taste; C, Characteristic marine odor and taste



HEALTH & WELLNESS BENEFITS

Discover the Powerful Benefits of Algal Omega-3



Brain Health Support

Enhances cognitive function, memory retention, and mental clarity across all age groups.

Reference: Yurko-Mauro K. et al. "Beneficial effects of docosahexaenoic acid (DHA) on cognitive function in age-related cognitive decline." *Alzheimer's & Dementia*, 2010; 6(6): 456-464.



Eye Care Benefits

Rich in DHA — essential for maintaining retinal health and supporting clear vision.

Reference: SanGiovanni J.P. & Chew E.Y. "The role of Omega-3 long-chain polyunsaturated fatty acids in retinal health." *Progress in Retinal and Eye Research*, 2005; 24(1): 87-138.



Heart Wellness

Promotes cardiovascular health by balancing blood lipids and reducing inflammation naturally.

Reference: Mozaffarian D. & Wu J.H.Y. "Omega-3 fatty acids and cardiovascular disease: effects on risk factors, molecular pathways, and clinical events." *Journal of the American College of Cardiology*, 2011; 58(20): 2047-2067.



Women's Health

Supports pregnancy, fetal brain and eye development, lactation, and overall hormonal wellness.

Reference: Carlson S.E. & Colombo J. "Docosahexaenoic acid and arachidonic acid nutrition in early development." *Advances in Pediatrics*, 2016; 63(1): 453-471.



Sexual Wellness

Enhances libido and sexual function by improving circulation, mood, and hormonal balance.

Reference: Oliveira D.C.R. et al. "Omega-3 supplementation improves endothelial function and sexual function in women." *Journal of Sexual Medicine*, 2018; 15(5): 702-710.



Weight Management

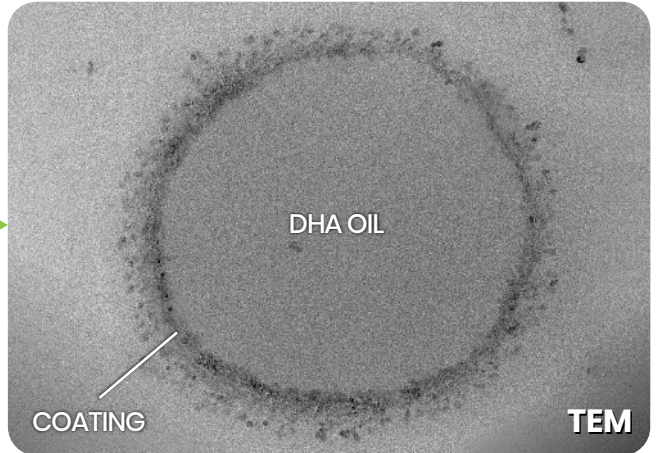
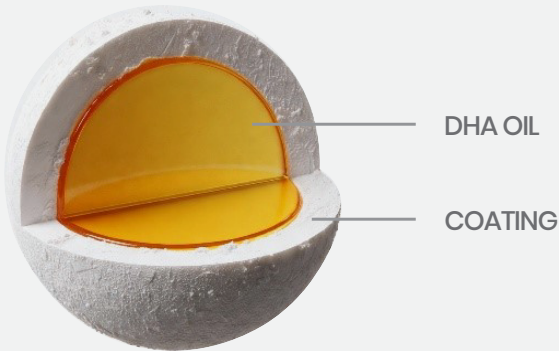
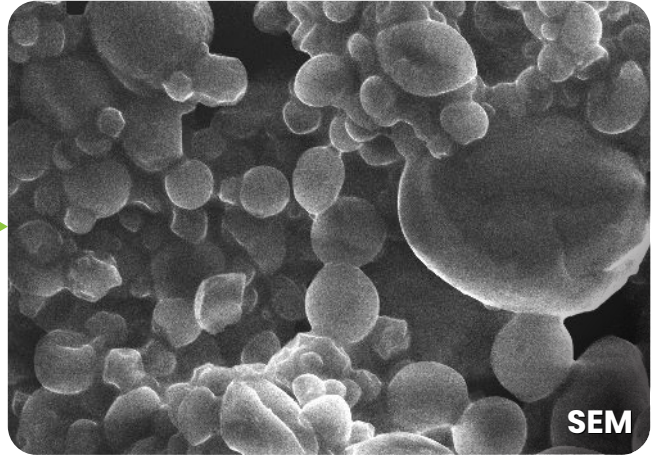
Supports healthy weight control through improved metabolism, appetite regulation, and energy balance.

Reference: Buckley J.D. & Howe P.R.C. "Long-chain Omega-3 polyunsaturated fatty acids may be beneficial for reducing obesity—a review." *Nutrients*, 2010; 2(12): 1212-1230.

MORPHOLOGICAL ANALYSIS OF DHA OIL POWDER



ALGAL DHA POWDER



PACKING DETAILS

Packing & Transport Standards

Packaging Type	Capacity	Material	Product Type	Use Case
HDPE Drums	20 kg	HDPE with LDPE liner	Algal DHA Powder	Algal DHA Powder packaging

Mode of Transport	Condition	Application
By Sea	Reefer containers at +4°C	Standard bulk shipments
By Air	Minimum shipment < 100 kg (urgent need only)	Upon customer requests / emergency supply

Key Compliance Points:

- All packing meets food-grade safety standards.
- Traceability ensured from packaging to delivery.



FAQs

What is Algae-Based DHA Powder?

A vegan Omega-3 powder derived from Schizochytrium sp., Offering clean algae-based DHA and EPA nutrition.

Is it safe for infants and pregnant women?

Yes, it meets the global safety standards for maternal and infant use.

Does Algal DHA powder contain allergens?

No. It's allergen-free, and free from marine contaminants.

How stable is the powder?

Our Algal Omega-3 powder is microencapsulated, Providing effective protection against oxidation.

Is it suitable for vegan and vegetarian products?

Absolutely – fully algae-based and vegan.

Our Certifications & Compliance Standards



Factory

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