

Algae Biomass vs Fish Oil

Explore our helpful tips and FAQs covering product specifications and sustainability benefits.



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FAQ'S

+ What is HuvePure DHA 20%

HuvePure® DHA 20% is a lipid biomass powder, vegetarian source of DHA Omega-3 fatty acid, it is derived through a fermentation process of microalgae strain *Schizochytrium* sp.

+ Why Should I consider using DHA in my Pet Food?

DHA supports cognitive function, eye, cardiovascular, immune health and overall vitality in pets as well as helps lower overall inflammation. It is a viable alternative to fish oil, feed material for the use in animal feed for pets and also livestock species and aquaculture.

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FAQ'S

+ How does microalgae-derived DHA compare to fish oil?

Microalgae DHA is sustainable, vegan, and avoids the risk of heavy metals or contaminants found in fish oils and has no impact on the ocean. It also has a neutral flavour profile, making it easier to incorporate into pet food formulations.

+ What is the DHA concentration in HuvePure®

The DHA concentration is 20% (+/- 10%) and varies based on the specific product variant so ranges between 18.0 – 22.0% Detailed specifications can be provided upon request.

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FAQ'S

+ Is it refined and free from impurities?

Yes, HuvePure® DHA undergoes stringent refining and purification processes to ensure it meets feed-grade standards for purity, although since it is produced in a controlled environment, there are no heavy metals or other contaminants to be removed like with fish oil.

+ What is the shelf life of HuvePure® DHA?

HuvePure® DHA 20% is guaranteed to meet all product specifications when stored in the original, unopened packing in a cool, dry place. Shelf life under these conditions is 12 months.

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FAQ'S

- + Can HuvePure® DHA be used in both wet and dry pet food?

Yes, it is suitable for wet, dry, and semi-moist pet food formulations, as well as supplements like chews and capsules.

- + Does it require encapsulation to prevent oxidation during processing?

No, since the DHA oil remains in its whole cell composition, the cell wall protects the oil against oxidation.

This makes the HuvePure® DHA 20% powder more advantageous as it can pass through the pellet extruder without oxidation.

In addition, the manufacturer adds antioxidants to the culture broth (Ascorbyl palmitate & Delta tocopherol) before spray-drying to further prevent oxidation.

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FAQ'S

+ How does it affect the flavour and aroma of pet food?

Microalgae-derived DHA has a neutral taste with a slight marine-like aroma as compared to fish oil, minimizing the risk of flavour rejection by pets.

+ What is the recommended inclusion rate for DHA in pet food?

Inclusion rates depend on the target Omega-3 content for your product. Typical rates range from 0.1% to 2% of the formulation, but specific guidance can be provided based on your nutritional goals.

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FAQ'S

- + Is HuvePure® DHA approved for use in pet food in my market?

Yes, it complies with global pet food regulations, including AAFCO (USA), FEDIAF (Europe), and local authorities.

Specific documentation is available upon request.

- + What Certifications does HuvePure® DHA hold?

It is Halal & Kosher certified, with ISO, GMP, & HACCP certified, ensuring it meets the highest quality and safety standards.

The Biomass is produced with corn glucose which is of non-GMO source in the EU.



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FAQ'S

+ What makes HuvePure® DHA Sustainable?

HuvePure® DHA is derived from microalgae grown in controlled conditions, making it an environmentally responsible alternative to fish oil.

DHA from microalgae, is grown from a seed culture to large scale production harvest in just a few days. This helps eliminate the strain on overfished seas, has zero impact on ocean ecosystems, and supports biodiversity.

Additionally, its production methods are designed to have a low carbon footprint, making it a truly sustainable option.

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FAQ'S

+ What packaging options are available?

HuvePure® DHA 20% is available in 1, 10 or 20 kg PE-liner paper bags with aluminium lining. The package contains an inert gas added during filling

+ What are the storage and handling requirements?

HuvePure® DHA 20% is guaranteed to meet all product specifications when stored in the original, unopened packing in a cool, dry place. Shelf life under these conditions is 12 months

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FAQ'S

+ Is technical support available for application?

Yes, we can provide technical and application support to assist with processing, and troubleshooting.

+ Can I request samples for testing?

Yes, samples are available for product development and testing purposes.

Please contact your account manager or any of our team at Sales@willowsingredients.ie

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**Still unsure about the benefits of DHA for
your pet food applications?**

We're here to help!

**Let's discuss your options, competitive
pricing, delivery schedules, and how
HuvePure® DHA can elevate your
formulations.**

Contact us today to get started!

Sales@willowsingredients.ie



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