



INTRODUCING ALGAPRIME™ DHA: A TRACEABLE, SUSTAINABLE, HIGH-QUALITY ALTERNATIVE TO MARINE-BASED OMEGA-3s

One of the fastest growing sectors in the global aquaculture industry, shrimp farming currently consumes approximately 100,000 tons of fish oil annually, predominantly because fish oil contains DHA, a key ingredient in shrimp growth and development.

Global demand for omega-3s, such as DHA, is growing. The availability of omega-3s from their current source – wild caught fish – is, however, limited.

TerraVia and Bunge have teamed up to launch AlgaPrime™ DHA, a scalable and sustainable long chain omega-3 rich whole algae ingredient for the shrimp market. Our joint venture, Solazyme Bunge Renewable Oils, is producing AlgaPrime™ DHA today.



ALGAPRIME™ DHA AT A GLANCE

From the original source of DHA: Whole algae ingredient from the native algae, *Schizochytrium*

High levels of DHA (28%+): Provides flexibility to formulators

Sustainability: An alternative source of omega-3 to reduce dependency on marine fisheries and fish oil

Safety: Virtually no environmental contaminants or heavy metals

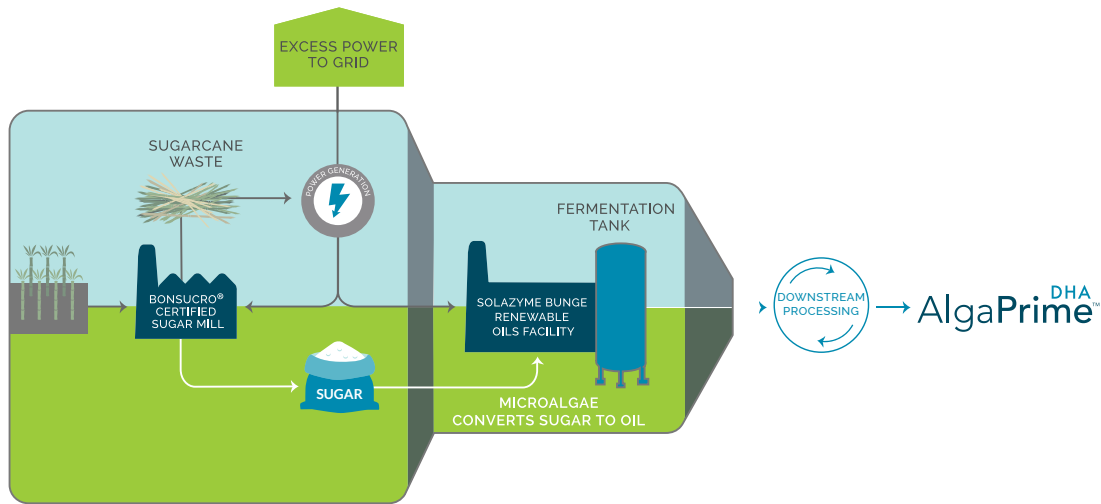
Powder form: Easily incorporated in feed

Non-GMO: Our feedstock, algae strain and process is non-GMO



CONSISTENT SUPPLY, CONSISTENT QUALITY

Our facility in the São Paulo state of Brazil grows the algae in closed fermentation tanks where they convert renewable, sustainable plant sugars into a DHA-rich ingredient in a matter of days. This process provides a traceable and consistent source of DHA and protects supply from the variability of geography and seasonality, improving supply chain resilience in the face of climate change and food insecurity.



GOOD FOR FISH AND GOOD FOR THE PLANET AT UNPRECEDENTED SCALE

AlgaPrime™ DHA is sustainably produced using plant sugars from a Bonsucro®-certified sugarcane mill. The sugarcane waste provides a renewable source of energy for the sugar mill and the Solazyme Bunge Renewable Oils facility, powering some of the world's largest aerobic fermenters.

TYPICAL NUTRITIONAL PROFILE:

DHA CONTENT ON A DRY WEIGHT BASIS: 280mg/g

Proximate Profile

	(%)
Moisture	2
Protein (crude)	9
Ash	6
Total Carbohydrates	21
Fat	60
Fiber (crude)	2

Amino Acid Profile

	(g/100g)
Methionine	0.4
Cystine	0.2
Lysine	0.4
Threonine	0.5
Tryptophan	0.1

Fatty Acid Profile

	(% of Fat)
C16:0 (Palmitic)	30
C18:0 (Stearic)	1
C22:5 n6 (DPA)	16
C22:6 n3 (DHA)	48

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AlgaPrime[™] DHA

BUNGE

TerraVia

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