



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

About one million tons of omega-3 rich fish oil is produced each year for use in animal feed, aquaculture and human nutrition. The demand for omega-3s is growing. The availability of omega-3s from wild caught fish is, however, limited.

AlgaPrime™ DHA, a scalable and sustainable long chain omega-3 rich whole algae ingredient for the pet food market.



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 with a mild odor, important to pet owners

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

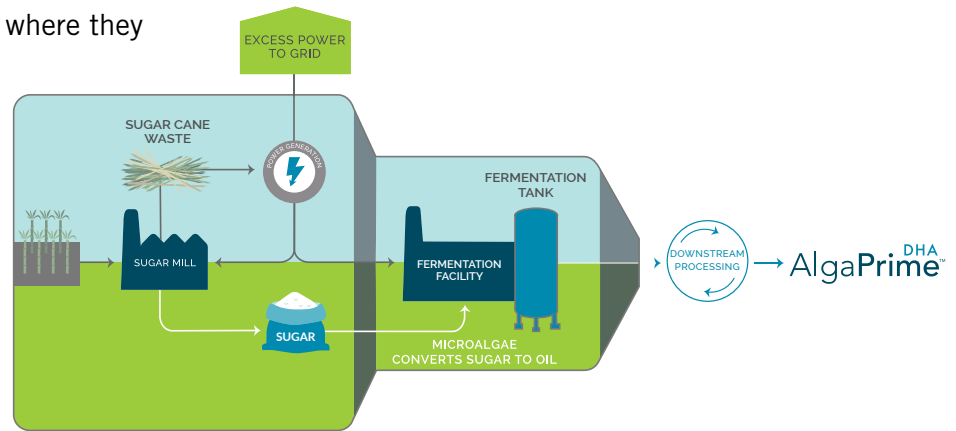


ALGAPRIME™ DHA BENEFITS FOR PETS

Product enrichment: Can enrich pet food with DHA to enhance nutritional quality

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 PETS AND GOOD FOR THE PLANET AT UNPRECEDENTED SCALE

AlgaPrime™ DHA is sustainably produced using sugar cane. The sugar cane waste provides a renewable source of energy for the sugar mill and the fermentation facility, powering some of the world’s largest aerobic fermenters.

TYPICAL NUTRITIONAL PROFILE:

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

Proximate Profile		Minerals		Fatty Acid Profile	
	(%)	MAJOR	(%)		(% of Fat)
Moisture	2	Calcium	0.1	C16:0 (Palmitic)	30
Protein (crude)	9	Phosphorus	0.2	C18:0 (Stearic)	1
Ash	6	Sulphur	1.6	C22:5 n6 (DPA)	16
Total Carbohydrates	21	Magnesium	0.1	C22:6 n3 (DHA)	48
Fat	60	Sodium	1.5		
Fiber (crude)	2	Potassium	0.4		
		TRACE	(PPM)		
		Iron	93		
		Copper	11		
		Zinc	15		
		Manganese	19		