

# Microalgae ingredients

Food and dietary supplements



**ALIGA**  
microalgae



## **Aliga Microalgae - a leading European producer**

We are a food-tech company based in Denmark, specializing in the development and production of microalgae products for food and dietary supplement applications. Aliga strongly believes that algae have a significant part to play in the transformation of the world's food systems, from providing healthier clean label ingredients to creating green and sustainable nutrition in general.

Working to this vision and focusing on the needs of manufacturers, we have developed a broad portfolio of new, innovative and high-quality algae products that are produced at our state-of-the-art production facilities in Denmark and The Netherlands for shipment to our customers in the food and dietary supplement industries worldwide.

### **Innovation**

Our cutting-edge Research & Development team consists of highly skilled specialists with backgrounds in microalgae and plant biotechnology, molecular biology, strain selection and plant genetics. As an innovator and developer of high-quality algae ingredients our philosophy is underpinned by open innovation and close collaboration. Since the founding of the company, our R&D team has collaborated closely with some of Europe's leading universities and food research institutes where joint effort has resulted in new innovative products for the food and supplement industries.

### **Sustainability**

We know that food and supplement manufacturers have strict requirements when it comes to reducing environmental impact, both in their own manufacturing processes as well as the impact from the ingredients incorporated in their products. We are proud to say that sustainability is an integrated part of our daily operations given algae is one of the most sustainable crops that can be cultivated today. And with our in-door production located on industrial land we are not competing for arable land to produce our ingredients. Also, our water consumption is much lower than that of other conventional crops.

## FOOD INGREDIENTS

WHITE CHLORELLA



GREEN CHLORELLA



GOLD CHLORELLA



## DIETARY SUPPLEMENTS



CHLORELLA TABLETS



CHLORELLA &  
SPIRULINA TABLETS



GREEN CHLORELLA

# FOOD INGREDIENTS



## White Chlorella

Neutral taste and flavour.  
Naturally rich in protein.  
Clean-label and whole food.



## Green Chlorella

Naturally rich in protein.  
Contains vitamins & minerals.  
Naturally contains chlorophyll.



## Gold Chlorella

Naturally rich in protein.  
Contains important nutrients.  
Low chlorophyll content.

# DIETARY SUPPLEMENTS



## Green Chlorella

Contains all essential amino acids.  
Rich in protein and vitamins.  
Contains chlorophyll.



## Chlorella & Spirulina

Rich in protein and vitamins.  
Mix of Chlorella & Spirulina.  
Unique nutritional profile.



## Green Chlorella

Contains all essential amino acids.  
Naturally contains chlorophyll.  
Rich in vitamins.

# Our food ingredients

Our clean label Chlorella ingredients are developed for food manufacturers wanting to enhance the nutritional value of their products with unique micronutrients from algae. To overcome the inherent challenges algae has traditionally faced as a food ingredient, and to improve its organoleptic properties making it more applicable in various food matrices, we have rethought biology and developed more neutral tasting Chlorella in different colours. Thus, our portfolio is ideal for manufactures seeking to innovate with Chlorella-based ingredients to boost their food and beverage formulations with the best that nature can offer.

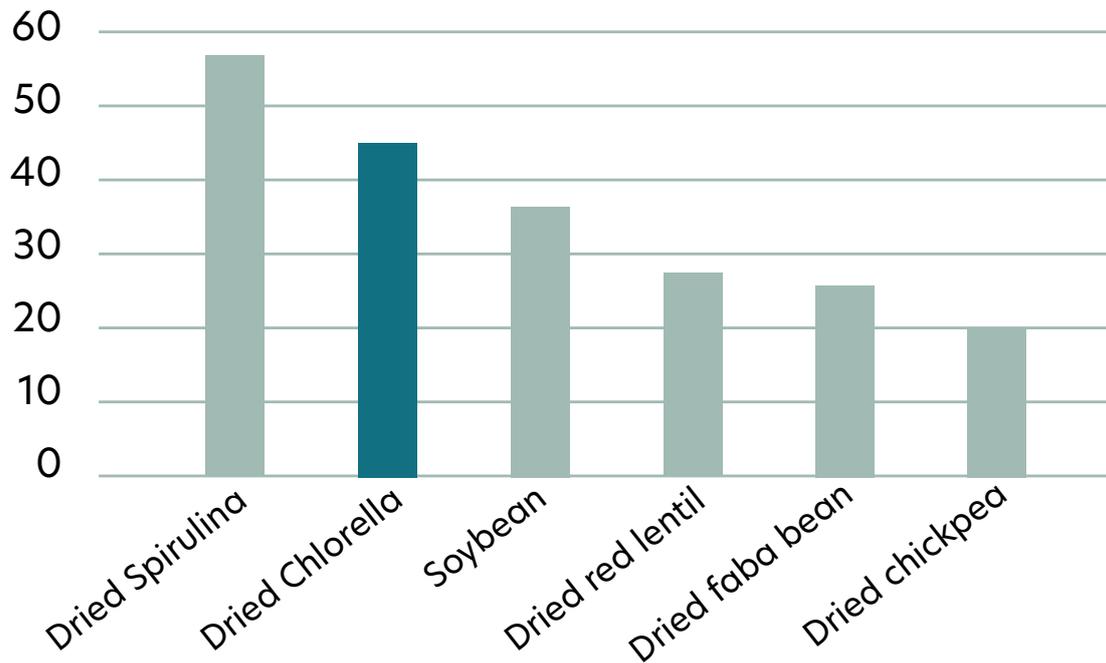
Our product portfolio offers white, green and yellow ingredients which only consist of fermented and dried Chlorella that naturally contains vitamins, minerals, fibers, protein and amino-acids. The centrepiece is our proprietary chlorophyll-free, white Chlorella ingredient, with neutral flavour and colour, enabling application in formulations that previously were out of scope for traditional algae. This whole-food ingredient packs a nutritional punch, making it a sustainable complement to soy-, pea- and wheat in a broad variety of formulations where neutral colour is desired. Typical applications include meat-, fish- and seafood analogs as well as in hybrids and conventional bakery, savoury- and dairy products seeking plant-based enrichment.

The smooth roundness and less pronounced taste of our green Chlorella empowers the use of a chlorophyll- and protein-rich ingredient in formulations where a green colour is desirable, such as drinks, smoothies and energy-bars. Our Chlorella Gold is an ingredient in which chlorophyll content has been reduced to a minimum, enabling the strong colour of carotenoids to shine through when used in different plant-based formulations.

In summary, our natural and highly nutritious, non-GMO Chlorella ingredients are an excellent addition for any food manufacturer looking to diversify their recipes beyond soy-, pea and wheat and wanting to enhance their nutritional profile with the unique value of algae. Leveraging different coloured algae in food formulations can increase the overall quality of both your products and brand without compromising on eating quality and appearance.

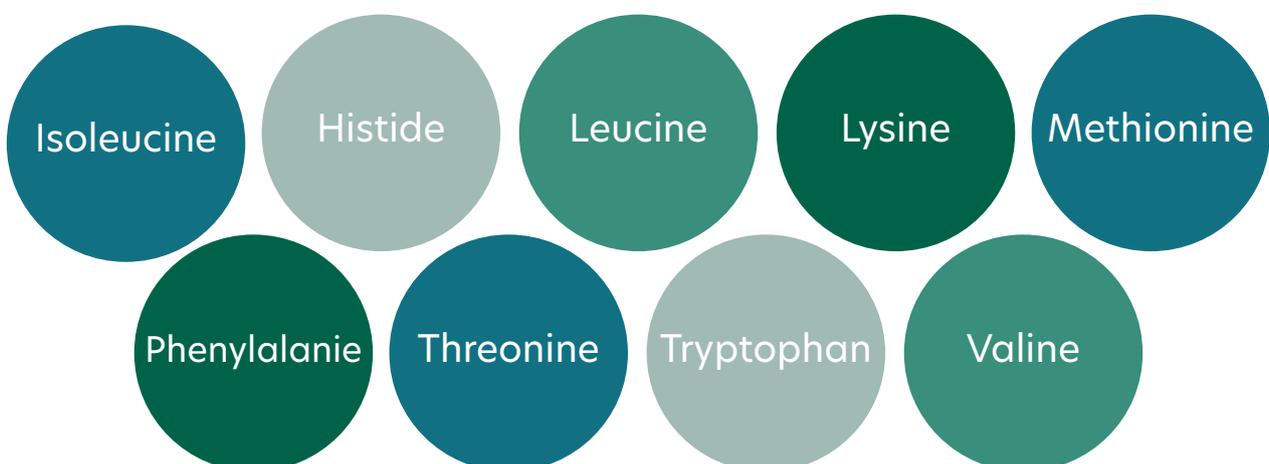


## Protein Content (%)



The rich protein content in all our Chlorella makes them excellent ingredients for food manufacturers wanting to reformulate existing recipes or develop new formulations that rely less on conventional crops. Our ingredients are normally applied in various applications at a 2-15% concentration which has shown to boost the protein and nutritional profile of our customers' final products.

## Amino Acids



# Our dietary supplements

Our dietary supplements are designed to meet the stringent demands of modern, health-conscious consumers wanting high-quality algae supplements made in Europe. Our products are ideal for health brands seeking innovative algae-based supplements that are produced to the highest standards at our state-of-the-art production facilities in The Netherlands and Denmark and offered in bulk to customers worldwide.

Our supplement portfolio is based on the two most renowned and potent microalgae species available on the market today, namely Chlorella and Spirulina. Both have been consumed for generations and have well documented positive effects on health and wellbeing. The Chlorella powder and tablets that we produce are naturally rich in nutrients and contain all the essential amino acids required for a life in balance. It's chlorophyll content is nearly 10 times higher than that of other, similar green plants, whilst the smooth flavour distinguishes our Chlorella from most other Chlorella products available on the marketplace today.

As a complement to our pure green Chlorella products, we have developed an innovative range of algae tablets based on a mix of both Chlorella and Spirulina. These tablets deliver a unique nutritional profile which offer consumer benefits such as improved energy levels, a functional immune system and a regular metabolism. Additionally, the inherent cleansing properties of chlorophyll-rich Chlorella algae support the removal of harmful toxins from the body.



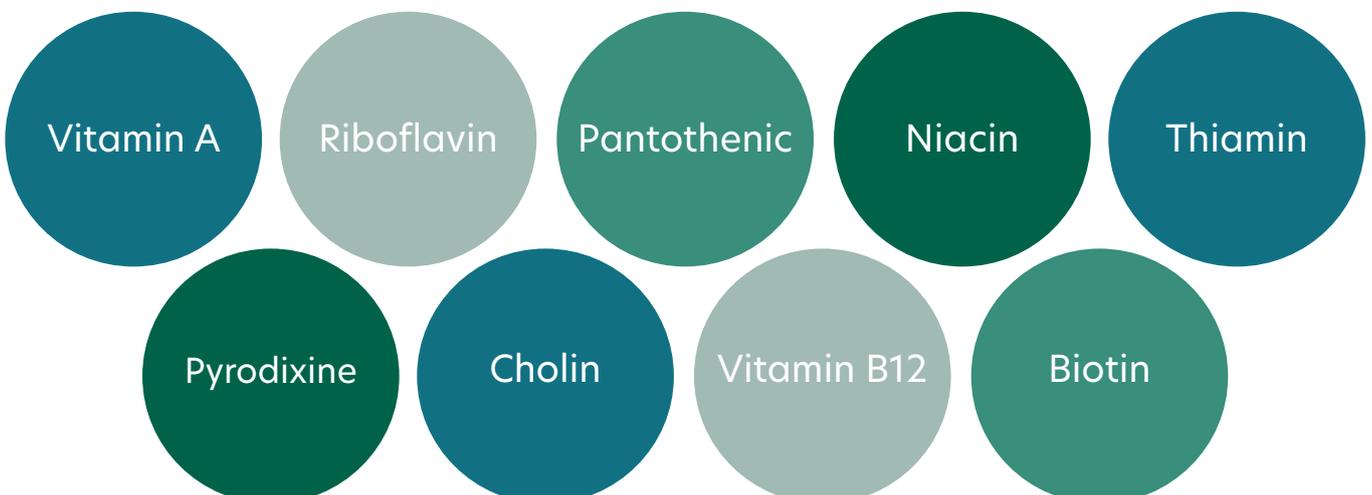
## Nutrients in our algae

Both Chlorella and Spirulina naturally consist of important nutrients and their complete protein profile of all the essential amino acids is remarkable. Furthermore both algae species contain a broad spectrum of vital minerals such as zinc, iron, calcium and magnesium that support human health.



## Vitamins

Our Chlorella and Spirulina contain a number of healthy vitamins. The broad vitamin profile makes them an amazing natural supplement for any health focused consumer. The two algae types have a natural occurrence of a uniquely high amount of different vitamins. You can get an overview of the many vitamins in the illustration below.



## From niche to core ingredients

Microalgae in general and Chlorella microalgae in particular have existed for around two billion years and are described as the origin of plants on earth. Their existence allowed the first microscopic animals to evolve and today they are one of the cornerstones in the aquatic food chain due to their rich nutritiousness. The dietary supplement industry has for a long-time rated microalgae as one of the most potent plant-based foodstuffs that can be consumed by mankind. Our broad portfolio of natural, nutritious Chlorella products not only allows supplement producers to use high-quality European-made algae but offers enhanced organoleptic properties that enable food manufactures to incorporate clean label algae ingredients in their formulations to enhance their nutritional profile and healthy appeal.





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