MICROALGAE PRODUCTION COMPANY

Established 2007

Norwegian quality fresh and seawater sources
Advanced production & processing

Sustainable production of natural ingredients
Strong track record in R&D

2016
ABOUT US

MicroA is a family owned Norwegian biotechnology company focusing on sustainable production of natural ingredients derived from microalgae.

MicroA has developed a patented production solution designed for scalability and commercial use. Our closed photobioreactor enables us to produce high quality products in a clean and sustainable manner.

MicroA uses advanced and gentle process treatment to ensure highly functioning components in our products. MicroA can bring novel ingredients to the cosmetic, pharmaceutical and nutraceutical markets, based on green and innovative technology.

MicroA currently operates laboratory, production & processing facilities in pilot scale, and delivers ready processed ingredients in kilo’s mainly for project purposes.

MicroA is now in an exiting period, as commercial production and scaleup is our focus, parallel with two ongoing and promising projects on production of Polysaccharides and Astaxanthin from microalgae.
OUR TEAM

The people working at MicroA consists of highly competent and dedicated experts in the fields of green innovation, microbiology and production & processing technology.

The founder and CEO, Svein Dahle has over 35 years of experience as a serial entrepreneur, building profitable companies in the fields of chemistry and laboratory services.
Our patented production system is designed for scalability and commercial use. The design enables us to produce clean products of high quality.
PRODUCTS / polysaccharides / astaxanthin

ASTAXANTHIN

Astaxanthin is known as a strong Antioxidant. It is dark red in colour and are found naturally in e.g wild salmon. It is astaxanthin that gived the salmon the red/pink colour.

The product is today mostly used in nutritional supplement products, and have potential to be a potent and health beneficial ingredient in a variety of food and cosmetic products.

POLYSACCHARIDES

Polysaccharides from microalgae have an interesting and bright future ahead. Some very special properties are to be found in these microalgae which can be used in cosmetics, foods and the pharmaceutical industry.

MicroA produces polysaccharides derived from Prasinococcus capsulatus for Prasinotech Ltd who targets the cosmetic active ingredient market. For more information on this product, please contact Prasinotech directly.

www.prasinotech.co.uk
PROJECTS

Ongoing Projects:

**Astaxanthin Mini-Industrial Pilot Production**
- Period: 2016-2018
- Budget: 16MNOK (2MUSD)
- Grants: Innovation Norway

The aim of this project is to present a scalable, profitable and tailor made production unit for cultivation of Astaxanthin from microalgae *Haematococcus pluvialis*, based on MicroA’s production technology.

**Novel Sugar Replacement from microalgae**
- Period: 2016-2017
- Budget: 1MGBP
- Grants: Innovation Norway / Innovate UK (IP Catalyst Program)
- Partners: Prasinotech Norge AS (Norway), Glycomar Ltd (UK), MARS Chocolate (UK)

On contract from the partners in this project, MicroA will deliver a novel polysaccharide ingredient derived from microalgae *Prasinococcus capsulatus*. The partners aim to use this ingredient as sugar replacement in chocolate.

**Our Partners and sponsors:**

- [GlycoMar](#)
- [Innovasjon Norge](#)
- [Skattefunn](#)
- [MicroA](#)
- [Innovate UK](#)
- [The Research Council of Norway](#)
- [Prasinotech](#)
- [MARS](#)
- [Eurostars](#)
FUTURE MARKETS

MicroA sees a great potential for microalgal products in the years and decades to come, both for the industry as a whole, and through development of MicroA’s patented production system.

Looking forward beyond 2020, MicroA believes in collaboration with the industry and governments to push forward the development of low cost production to reach wider and larger markets.

MicroA has good experience following this model, and will continue to seek such projects with the right partners.

THE FUTURE IS GREEN!
FACILITIES & SERVICES

Pilot Scale Production & Processing Laboratories
500m² Test centre

Verification of commercial potential for different microalgae species
Production of microalgae products for research and innovation projects

CONTACT

MicroA AS
Oljeveien 4
4056 Tananger
NORWAY

+47 51640680
info@microa.no
www.microa.no