

# ALGAMO

> Our natural  
ASTAXANTHIN in  
BIO quality is  
produced close to  
a protected national park  
territory with own source  
of mountain spring water  
and using energy from  
renewable sources.



The Power of Natural Astaxanthin





## About us

The Czech biotechnological company Algamo was established in 2011. Its main scope of work is to cultivate the freshwater microalga *Haematococcus pluvialis* and subsequently obtain the strongest Natural Astaxanthin.

The aim of the company is to produce high-quality natural products in an environmentally friendly way.

> Algamo is a world leading producer of Natural Astaxanthin in BIO quality.

Algamo holds the following certificates:



USDA Organic  
(certified organic by ECOCERT)



EU Organic  
(CZ-BIO-004)



Certified as 100% organic by Ecocert Greenlife to COSMOS standard



ISO 9001:2015



Vegan



### Green energy

We use renewable sources for electrical energy and heat for cultivation.

### Natural bioproduct

The process of *Haematococcus pluvialis* cultivation meets the conditions of bioproduction.

### Non-GMO

The alga is not genetically modified. It contains neither gluten or other allergens.

### Clean extraction

Supercritical fluid extraction by carbon dioxide.

8+

### Underground mountain water

Clean mountain water from own underground source. Certified quality of water suitable for babies.

### Water recycling

Protection of natural sources.

### State of the art

Closed system of cultivation provides optimum natural conditions of cultivation.

### Special laboratory

Continuous laboratory monitoring in all phases of cultivation.

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> Effects of Natural Astaxanthin as the strongest natural antioxidant have been proved by many peer-reviewed articles and comparative studies.

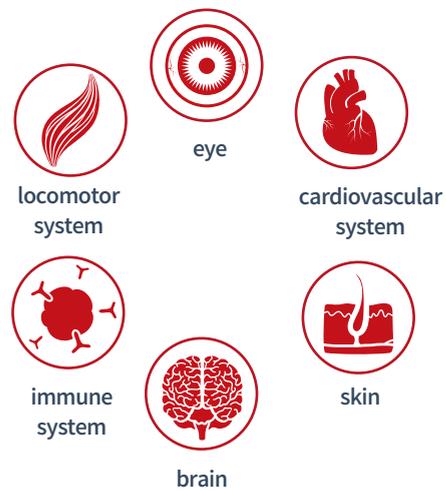
## Astaxanthin

**Astaxanthin** is the strongest known antioxidant. It belongs to carotenoids and can be found in natural resources. Natural Astaxanthin has a mild but long-lasting anti-inflammatory effect. But it takes much longer to work than anti-inflammatory drugs. However, Natural Astaxanthin is completely safe and natural with no side effects or contraindications, while all of the drugs have potential side effects.

**Astaxanthin** helps to extinguish free radicals. Radicals are highly reactive particles that damage DNA. This impairs the body cells, tissues and whole organs and causes a number of serious diseases.

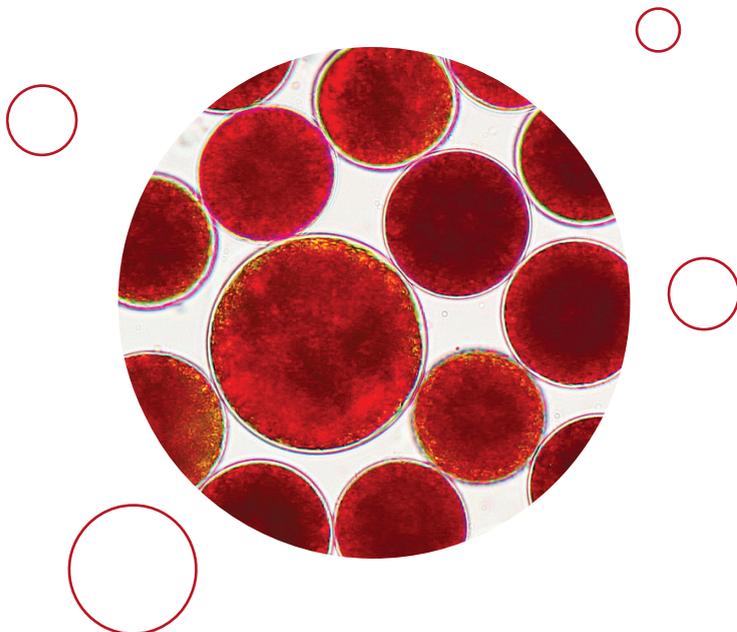
## What are the effects of Natural Astaxanthin?

Many scientific studies confirmed that Natural Astaxanthin effects:



## Efficiency of Natural Astaxanthin

Astaxanthin is the strongest natural antioxidant in the world.



**500** times stronger than vitamin E which contributes to the cell protection against oxidative stress

**560** times stronger than green tea catechins

**800** times stronger than coenzyme Q10

**3,000** times stronger than resveratrol

**6,000** times stronger than vitamin C which contributes to normal function of the immune system

## The Power of Natural Astaxanthin

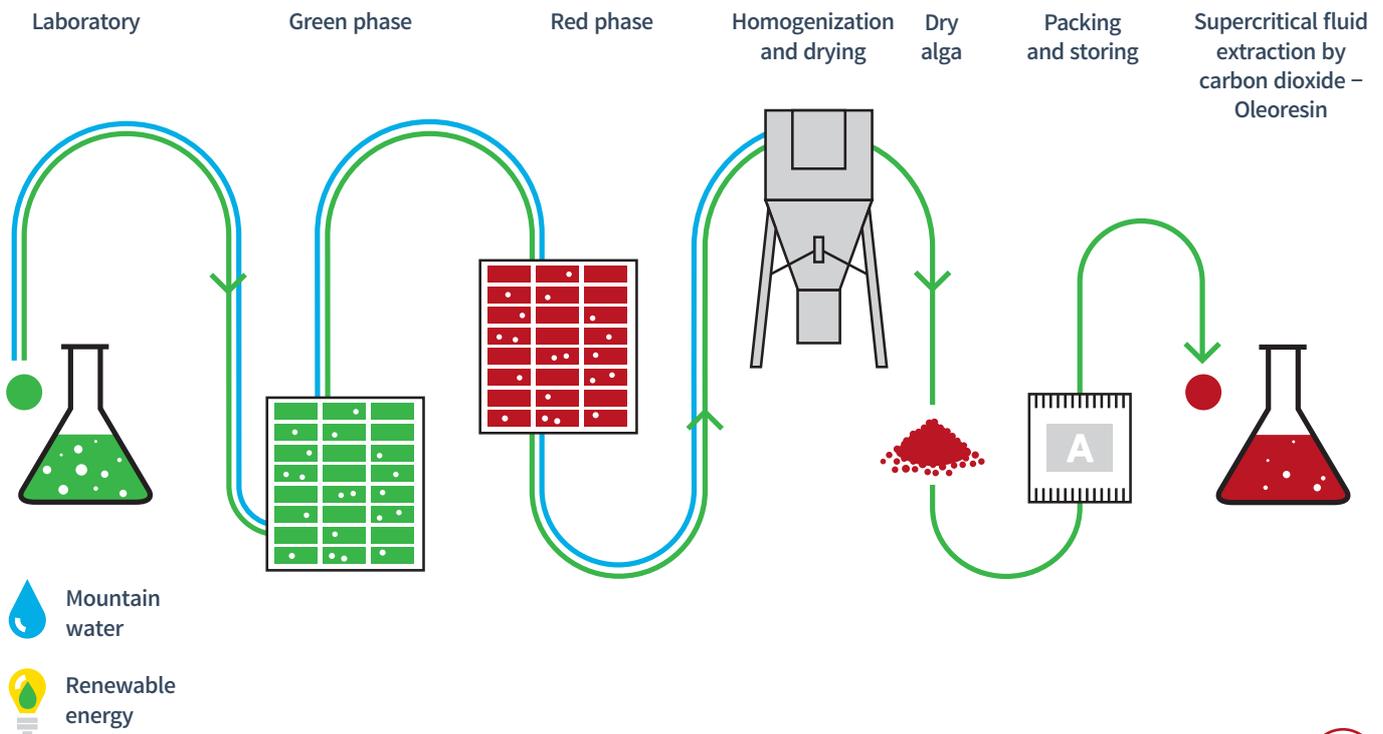


## Our production

We built the production facility in the foothills of the Krkonoše Mountains National Park in Mostek community. The exceptional production technology allows us to cultivate the algae in fully controlled environment of closed photobioreactors. Thanks to our state-of-the-art technology and application of advanced analytical methods, we can control the quality of the whole cultivation process continuously. We, of course, monitor all production phases and maintain high quality standards.

> The unique technology simulates conditions the algae in the nature.

## Individual steps to obtain the purest Astaxanthin



> Our products meet the strict requirements for ecological production according to the U.S. standards (USDA Organic) and European standards (EU Organic).

The Power of Natural Astaxanthin



## Our product offer



### ALGAMO BIO ASTAXANTHIN DRY BIOMASS

The dry alga is drum-dried. The dry biomass of *Haematococcus pluvialis* contains 5% of Astaxanthin. The biomass as such can be used in a number of final products requiring pulverised non-dispersible form of Astaxanthin.

### ALGAMO BIO ASTAXANTHIN OLEORESIN

Algastin Oleoresin is a deep-red viscous oil extract with guaranteed 5% or 10% content of pure Natural Astaxanthin. Oleoresin is obtained by supercritical fluid extraction by carbon dioxide in absence of toxic solvents. It is suitable for applications requiring liquid form of Astaxanthin.



### ALGAMO 2,5% or 5% COLD WATER DISPERSIBLE ASTAXANTHIN POWDER

Is a red free-flowing water dispersible powder to be used as a source of Astaxanthin in drinks with guaranteed content of BIO Astaxanthin.

### ALGAMO BIO LIPOSOMAL COLD WATER DISPERSIBLE ASTAXANTHIN LIQUID

Algamo Astaxanthin Liquid 1% is a red emulsion containing natural BIO Astaxanthin isolated from *Haematococcus pluvialis* in the liposomal form.

### ALGAMO BIO VEGAN CAPSULES WITH ASTAXANTHIN

Algamo BIO VEGAN capsules are suitable for vegans and vegetarians. VEGAN certified capsules without toxins, pesticides and allergens.



### ALGAMO CAPSULES WITH BIO ASTAXANTHIN

This product has been manufactured in compliance with food legislation. It is free of GMO, ingredients, toxins, pesticides and allergens.



**ALGAMO**

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