

ALGASTIN **BL**



Vision

Algastin BL is a top food supplement aimed to support the **vision**.

The composition of active substances designed by **specialists** resulted in a high-quality product formed by a synergistic complex of **astaxanthin and other carotenoids, omega-3 fatty acids, vitamin A and trace elements.**

Each of the active substances has **specific effect** on the vision.



ALGASTIN BL and VISION

WHAT ENDANGERS THE EYESIGHT?

Eye is a highly sensitive organ that is strained heavily under the influence of the modern lifestyle.

Negative factors:

- Excessive use of digital devices with screen or display
- Exposure to bright light or radiation
- Straining of eyes under poor lightning conditions
- Activities that require vigilance and concentration for a long period of time
- Unbalanced diet
- Air pollution

HOW DOES ALGASTIN BL HELP?

- Reduces eye dryness
- Improves focusing
- Soothe sore and itchy eyes
- Reduces watering eyes
- Improves double or blurred vision
- Suppresses increased light sensitivity
- Minimizes sleep disturbances
- Decreases fatigue
- Reduces headache
- Reduces irritability

Can decrease the risk of severe eye diseases:

- Age-related macular degeneration
- Glaucoma
- Inflammatory eye diseases
- Diabetic retinopathy
- Lens damage



ACTIVE INGREDIENTS and THEIR EFFECTS



ASTAXANTHIN

Algastin

Natural astaxanthin from an alga *Haematococcus pluvialis*

Natural astaxanthin obtained from the freshwater microalga *Haematococcus pluvialis* is the **only one** approved for human consumption. Algamo astaxanthin is obtained by ultra clean supercritical fluid extraction by carbon dioxide. It is a **bio-based natural product** produced using no solvents.

How can astaxanthin help:

- Improves sharp sight
- Against eyestrain
- Improves blurred vision
- Enhances lens shape accommodation
- Decreases eye fatigue
- Against sore eyes
- Against dry eyes
- Improves visual perception
- Against double vision
- Increases the retinal blood supply
- Increases the blood circulation in the eye
- Antioxidant effect
- UV radiation protection
- Protects retina from light-induced oxidation and photoreceptor loss

Astaxanthin power to eliminate the singlet oxygen (a DNA-damaging radical) is:

- 200x stronger than that of lutein
- 500x stronger than that of vitamin E
- 560x stronger than that of green tea catechins
- 800x stronger than that of coenzyme Q10
- 3000x stronger than that of resveratrol
- 6000x stronger than that of vitamin C

Unlike other antioxidants, astaxanthin:

- Crosses the blood-retina barrier and provides the eyes with antioxidant and antiphlogistic protection
- Crosses the blood-brain barrier and provides the brain with antioxidant protection
- Eliminates more free radicals than any other antioxidant
- Works as an extremely strong antioxidant in singlet oxygen neutralisation
- Travels through the body and provides antioxidant protection to all the organs
- Inhibits inflammation (markers) of eye irritation
- Is a potent UVB radiation absorber
- Reduces DNA damage

"Dr. Mark Tso of the Wilmer Eye Institute at Johns Hopkins University has clearly demonstrated that astaxanthin is the clear winner when it comes to protecting your eyes. He discovered that astaxanthin easily crosses into the tissues of the eye and exerts its effects safely and with more potency than any of the other carotenoids, without adverse reactions. Specifically, Tso determined astaxanthin could ameliorate or prevent light induced damage, photoreceptor cell damage, ganglion cell damage, and damage to the neurons of the inner retinal layers. He concluded that astaxanthin supplementation could be effective in preventing or treating a whole host of eye diseases."

Tso, Mark O. M., Lam, Tim-Tak, "Method of Retarding and Ameliorating Central Nervous System and Eye Damage," Patent No. 5,527,533. Washington, D.C., U.S. Patent and Trademark Office, June 18, 1996.



Omega-3 - Fish oil

with more than 80% guaranteed omega-3 fatty acid content

meets the **most stringent standards** for fish oil set down by the USP (United States Pharmacopoeia), EP (European Pharmacopoeia) and the manufacturer's GMP standards. Just like astaxanthin, it is produced using **supercritical carbon dioxide extraction**. It is a natural product produced using solvent-free processes.

Omega-3 fatty acids are in the **natural form** of highly **absorbable and stable triglycerides (TG)**.

It has the **most demanding certification** Friend of the Sea (FOS) - the leading international certification project for products originated from both sustainable fisheries and planned ecological aquaculture.

Omega-3 DHA/EPA

Omega-3 fatty acids are **important building blocks** for light-sensitive receptors in retina and nervous cells in the grey matter of the brain responsible for visual perception processing.

The **highest concentration** of omega-3 fatty acids is found in the retinal photoreceptors. It **assures integrity** and function of retinal pigment epithelium cells containing the light-sensitive pigments. They **protect cells** damage caused by oxidative stress and thus prevent blindness.

Omega 3 helps blood vessels **improve** their **elasticity** and thus enhance the healthy blood circulation in the retina and the whole body.

- Decrease the risk of age-related macular degeneration (AMD)
- Help with dry eyes
- Decrease the risk of diabetic retinopathy
- Support the healthy eye nutrition

Lutein

highly bioavailable natural extract from pot marigold flowers.

- Concentrates mainly in the retina
- Absorbs blue light
- Has antioxidant effect
- Decreases the risk of cataract

Vitamin A

stable form of palmitic acid ester (natural saturated fatty acid).

- Required to maintain the health of photoreceptors
- Prevents hemeralopia
- Prevents dry eyes

Ginkgo biloba

standardized extract from maidenhair tree.

- Supports peripheral blood circulation and nourishes the retina
- Improves sharp sight

Zinc

in form of highly absorbable zinc gluconate having the absorption rate exceeding 60%.

- Delays progression of age-related macular degeneration (AMD)
- Helps to release vitamin A from liver
- Prevents retinal degeneration

Selenium

in form of highly absorbable selenomethionine with 90% absorption rate.

- Prevention of cataract and glaucoma
- Prevention of eyes aging

Zeaxanthin

highly bioavailable natural source of zeaxanthin extracted from French marigold flowers.

- Concentrates mainly in macula
- Absorbs blue light
- Has antioxidant effect
- Decreases the risk of cataract

