



# Astaxanthin 12 mg

## AstaZine® from Pure Microalgae

Each capsule contains 12 mg of AstaZine® natural astaxanthin, a carotenoid derived from the organic microalgae *Haematococcus pluvialis*, grown under sunlight in controlled conditions. Natural astaxanthin is far more effective in scavenging free radicals than synthetic astaxanthin or other carotenoids such as beta-carotene or lutein.\* The intracellular antioxidant activity of algal astaxanthin is approximately 90-times higher than that of synthetic astaxanthin, and in vitro studies have also shown 500-times greater antioxidant activity than vitamin E.\*

Aging is associated with the weakening of the body's antioxidant defense system, and astaxanthin may help protect against such age-related changes.\*

### Key Features

- Protects the skin and eyes against the damaging effects of UV rays (photoaging)\*
- Increases skin elasticity and moisture content and supports younger-looking skin\*
- Supports brain function during aging, including memory and mental clarity\*
- Supports a healthy cardiovascular system, normal cholesterol metabolism, and blood vessel function\*
- Protects muscles, tendons, and joints from damage during exercise and supports normal muscle strength with aging\*
- Protects the body against free radical damage caused by environmental insults and other toxic exposures\*



SKU #78340  
60 softgels

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## World's strongest and highest quality natural antioxidant:

Only astaxanthin derived from *Haematococcus pluvialis* microalgae is proven to be safe and effective in clinical studies.\* Natural astaxanthin is more than 90% esterified with natural fatty acids, whereas the synthetic version is all free form, or unesterified. The structure of natural astaxanthin explains its high bioavailability and activity compared with synthetic astaxanthin.\* AstaZine® astaxanthin bears the seal of The Natural Algae Astaxanthin Association (NAXA), which ensures the product contains natural algae astaxanthin and not synthetic astaxanthin produced from petrochemicals. Natural astaxanthin is well tolerated, with an extensive history of safe use.\*

**Brain health:** The unique chemical structure of astaxanthin allows it to cross the blood-brain barrier.\* Astaxanthin supports neuron formation and plasticity in the brain, and protects brain cells against the oxidative damage caused by aluminum, cigarette smoke, or heavy metals.\* Astaxanthin has been shown to support cognition and memory in aging individuals.\*

**Skin health and UV protection:** Astaxanthin protects the skin against ultraviolet (UV) damage and enhances skin DNA repair.\* Astaxanthin also stimulates the synthesis of collagen, the most abundant protein within the skin.\* Astaxanthin was shown to increase skin elasticity, boost skin moisture content, and improve fine lines/wrinkles in healthy adults.\*

**Eye health:** Astaxanthin helps protect the eyes against damage caused by UV light or elevated intraocular pressure.\* Astaxanthin also supports healthy blood flow in vascular tissues of the eye.\* Astaxanthin has been shown to support healthy eye function with aging and reduce eye fatigue in settings of intense visual stimuli.\*

**Cardiovascular support:** Astaxanthin supports normal cholesterol metabolism and cardiovascular health.\* Astaxanthin also supports normal blood vessel endothelium function in settings of glucose or homocysteine elevation, protecting against oxidative stress caused by these environments.\*

**Musculoskeletal support:** Astaxanthin supports muscle energy production and protects muscle tissues from oxidative damage during exercise.\* In animal studies, astaxanthin reduced the rate of atrophy of muscles that were not exercised, and reduced oxidative stress in muscles that were exercised.\* In healthy young and older adults, supplementation with astaxanthin enhanced strength endurance gains during training.\*

**Fertility:** In animals, astaxanthin has been shown to support healthy egg quality, normal sperm numbers, morphology, and viability, as well as improved fertilization rates.\* Positive effects on sperm health and male fertility were also seen in clinical studies.\*

**Anti-aging and cellular health:** Astaxanthin counteracts the effects of free radicals on cells and tissues in a dose-dependent manner and helps decrease oxidative damage associated with aging.\* Astaxanthin also reduces damage associated with environmental pollutants such as arsenic and mercury.\*

## Supplement Facts

Serving Size 1 Softgel  
Servings Per Container 60

Amount Per Serving	% Daily Value
Astaxanthin	12 mg †

† Daily Value not established

Other ingredients: Safflower Oil, Vitamin E (sunflower), Bovine Gelatin, Vegetable Glycerin, Water, Medium Chain Triglycerides.

**Suggested Use:** As a dietary supplement, 1 softgel daily with meals, or as directed by a healthcare practitioner.



AstaZine®

AstaZine® is a registered trademark of BCG.

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