



Astaxanthin and curcumin synergistically work on inflammatory response and cellular degeneration to reverse the Age by regulating the FOXO3 genes

*“Cellular Ageing and Getting Older is Natural Process”*

**Regain Youthfulness with age defying NutriLong Astaaxanthin;**



Nano-curcumin, EPA, DHA, AKBA, Zn and Lipase

# AstaaXanthin

**Recommended Daily Supplement for:**

- Skin texture, brightness; collagen and skin elasticity
- Support for cardio-vascular health
- Helpful in eye stress and recovery from blue light damage
- Improves age related muscle mass weakness<sup>4</sup>;
- Promotes recovery and supports athletes for endurance during regular work-outs<sup>5</sup>
- Increases cognitive function and memory

**Recommendations:** Use 1 Tablet daily 1- 2 times after meals.



**Do you know - Reversal of Age is possible !**

Nature has provided us Astaxanthin and Curcumin.

**Getting Older, Yet Staying Young**

Astaxanthin is stronger than	How many times ?
Beta-carotene	50 times
Vitamin E	100 times
Vitamin C	6000 times

## Nutrilong AstaaXanthin

*Defy age and revive vital organs... naturally.*

**TOPTIME NETWORK PRIVATE LIMITED**  
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REGAIN YOUTHFULNESS

Nano-curcumin, EPA, DHA, AKBA, Zn and Lipase

# AstaaXanthin

Reversal of age is now no more a Myth; improvement of key nutritions slows the degeneration rate, prevents premature Ageing and arrests the Ageing process. The science of nutrition does not stop here; it has established that the ingredients like Astaxanthin and curcumin have the potential to reverse the Age by regulating the FOXO3 genes; responsible for Ageing<sup>1</sup>.

So How about "Getting older and staying young?"

NutriLong AstaaXanthin Tablet with World's best Age-reversing Antioxidants; formula support cellular youthfulness - Just not for skin cells, but also for eye, liver, pancreas, lungs, heart, brain, nervous system, prostate, uterus and muscles by balancing the inflammatory regulators and cell membrane functions and by neutralizing the free radical effect.

## What is Astaxanthin ?

Astaxanthin is a natural red pigment found in seaweed and algae.



Astaxanthin cannot be manufactured in the human body; and therefore it must be supplemented through the food source; this red pigment is found in seaweeds and algae, Haematococcus pluvialis.

This algae is found in green colour in general but due to the extreme effect of sunlight and UV radiation it starts producing the Astaxanthin pigment for protecting it from sunlight and radiation

As a member of the carotenoid family Astaxanthin is fat soluble ANTIOXIDANT.

According to the scientists, antioxidants slow-down the ageing but Astaxanthin is the only antioxidant that reverses the Ageing; predominantly due to its stimulating effect on FOXO3 genes<sup>2</sup>.

**NUTRILong**  
NUTRITION FOR LONGEVITY

## How does Astaxanthin work?

Astaxanthin can easily enter into cell membranes due to its fat soluble nature. It creates a protective layer from inside-out the cells and prevents harmful external radiations, supports regeneration of cells by protecting mitochondrial damage and reduces cellular stress by suppressing inflammatory mediators.

### Astaxanthin's plausible mechanism can be as follows:-

**Prevents cellular inflammation-** It is useful in reducing stress of organs like liver, pancreas, lungs, heart, brain, nervous system, prostate, uterus and muscles by regulating the inflammatory regulators and cell membrane functions

**Neutralizes Singlet oxygen (Free Radical)-** It neutralizes the free radical effect while controlling inflammation. It is able to reverse the Ageing of cell membranes of heart, skin, eye and brain.

NutriLong AstaaXanthin Tablet formula contains the purest form of Natural Astaxanthin, EPA & DHA derived from microalgae with Nano Curcumin. These are lipid based ingredients and therefore to digest and increase optimum absorption, Enzyme lipase & piperine is used. Further the AKBA extract of Boswellia serrata and micronized zinc reduces micro inflammation responsible for Ageing.






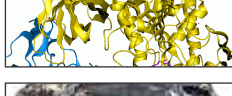

**"Research studies of skin showed improvement in skin texture, brightness; collagen and skin elasticity."**



The benefits of Astaxanthin are continuously explored by the scientific community worldwide. In clinical study on elderly; it was found that the group consuming Astaxanthin showed better muscle adaptation and lesser fatigue during exercise.

In another study Astaxanthin was found to increase cognitive function and memory; this may be due to its greater ability to pass through blood brain barriers and reverse the free radical damage.

Clinical research indicates improvement in cellular restoration; envisaging its profound effect on longevity.

INGREDIENTS (EACH TABLET CONTAINS)	COMPOSITION (EQUIVALENT TO)
 4mg Vegetal Astaxanthin (HP)	15g algae Haematococcus Pluvialis
 50mg Nano-Curcumin Complex	3g Turmeric Powder
 300 mg Vegetal EPA & DHA	Can be found in 1g of Walnuts
 250mg AKBA from Boswellia	1g Boswellia serrata resin
 5mg Piperine	2g of pippali fruit
 3mg Lipase	Break down fatty acids including Astaxanthin
 25mg of pure Zinc	Can be found in 10 cups of chickpeas

## Astaxanthin Key Features:

- NutriLong AstaaXanthin Formula contains 4 mg Astaxanthin with nano-curcumin complex studied to stimulate FOXO3 genes.
- Low dose EPA and DHA from vegetal source in 2:1 ratio support the regeneration process and piperine provides the bio-availability unlike any other products available today.
- The AKBA extract from Boswellia serrata (Salai guggul) provides homeostasis in inflammatory cells and alleviates age related degeneration.
- Lipase enzyme facilitates breakdown of esterified fatty acids, Astaxanthin and ensures optimum absorption of Astaxanthin present in Nutrilong AstaaXanthin .
- Zinc plays key roles in maintaining protein structure and stability, serves as a catalytic factor for many enzymes and regulates diverse fundamental cellular processes<sup>3</sup>.
- The highest amount of zinc is concentrated in the retinal pigment epithelium (RPE); presence of zinc alleviates degenerative changes in combination of Astaxanthin.

**Ref. 1.** Astrid Eijkelenboom, Boudewijn M T Burgering. FOXOs: Signalling Integrators for Homeostasis Maintenance **2.** Brian J. Morris, D. Craig Willcox, Timothy A. Donlon and Bradley J. Willcox FOXO3.A Major Gene for Human Longevity **3.** Rosie Gilbert, Tunde Peto, Imre Lengyel, Eszter Emri. Zinc Nutrition and Inflammation in the Aging Retina **4.** Sophia Z. Liu, Amir S. Ali, Matthew D. Campbell, Kevin Kilroy, Eric G. Shankland et al. Building strength, endurance, and mobility using an astaxanthin formulation with functional training in elderly **5.** Siamak Kazemi-Darabadi, Ramin Nayebezhadeh, Amir Ali Shahbazfar, Faranak Kazemi-Darabadi, Ezzatollah Fathi. Curcumin and Nanocurcumin Oral Supplementation Improve Muscle Healing in a Rat Model of Surgical Muscle Laceration

### NutriLong AstaaXanthin Tablet with nano curcumin complex for Age reversal:

Defying age and degeneration.

A secret celebrity ingredient to keep skin healthy, youthful and radiant.

Prevents Ageing and helps in reversing the signs of Ageing.

