



120 ml Syrup

MACUSAN

Lutein, Zeaxanthin, Vitamin-A & Zinc

SUPPLEMENT FACTS

Each 10ml Contains:	
Lutein Extract (USP)	6mg
Zeaxanthin Extract (USP)	6mg
Bilberry Extract	30mcg
Omega III	50mg
Vitamin-A (USP)	500IU
Copper Sulphate	1mg
Zinc Sulphate	30mg
Sodium Selenite	40mcg
L-Methylfolate (USP)	50mcg

Lutein & Zeaxanthin:

These are important nutrients found in green leafy vegetables as well as other foods such as eggs. Many studies have shown that lutein and zeaxanthin reduce the risk of chronic eye diseases including Age-Related Macular degeneration (AMD) and Cataracts. AMD and Cataract incidence are growing. Worldwide, more than 25 million people are affected by Age-Related Macular degeneration and the formation of cataracts. AMD is the leading cause of blindness in people over the age of 55 in the world and the incidence is expected to be triple by 2025.

Benefits to Eye Health:

Lutein and Zeaxanthin are carotenoids that filter harmful high energy blue wave length of light and act as antioxidants in the eye, helping protect and maintain healthy cells of the 600 carotenoids found in nature only two are deposited in high quantity in the retina (macula) of the eye, (Lutein and Zeaxanthin). The quantity of Lutein and Zeaxanthin in the macular region of the retina can be measured as Macular Pigment Optical Density (MPOD). Recently, MPOD has become a useful tool maker for not only predicting disease but also, visual function. Unfortunately, the human body does not synthesize the lutein and zeaxanthin it needs, which is the reason why green vegetables are essential be, good nutrition. Daily intake of lutein and zeaxanthin through diet nutritional supplements or forfeited foods and beverages is important for the maintenance of good eye health.

Lutein Zeaxanthin and Cataracts:

The primary function of the crystalline lens (of natural lens in the eye) is to collect and focus light on the retina. To properly provide the function throughout life, the lens must remain clear. Oxidation of the lens is a major cause of cataracts, which cloud the lens. As antioxidant nutrients neutralize free radicals (unstable molecules) associated with oxidative stress and retina damage, Lutein and zeaxanthin likely play a role in cataract prevention. In fact a recent study demonstrated that higher dietary intakes of lutein and zeaxanthin and vitamin E was associated with a significant risk of cataract formation.

Lutein Zeaxanthin and Age Related Macular Degeneration:

Much evidence supports the role of lutein and zeaxanthin in reducing the risk of AMD in fact, The USA National Eye Institute presently is conducting a second large human clinical trial. Age-Related Eye Disease Study AREDS2, to confirm. Whether supplements containing 10mg a day of lutein and 2 mg of zeaxanthin per day affect the risk of developing AMD. Beyond reducing the risk of developing eye disease separate studies have shown that lutein and zeaxanthin improve visual performance in AMD patients.

Vitamin A:

Beta carotene is converted into vitamin A in the body which plays an important role in the body's natural defence against free radicals damage. Beta-carotene is valuable for the health of normal skin, hair, teeth, bones and for the protection against environmental pollutants. Vitamin A helps retard the aging process.

Vitamin B2:

is a water-soluble vitamin. The human body needs a daily dosage of it since it cannot be stored in the body. Vitamin B2 is essential for the formation of fresh red blood cells and antibodies in humans, which increase circulation and oxygenation to various organs of the body. Riboflavin is very important for ensuring proper growth and development of the reproductive organs, and the growth of body tissues such as the skin, connective tissue, eyes, mucous membranes nervous system and the immune system. In addition, it also ensures healthy skin, nails and hair. Vitamin B2 can help to prevent many common conditions like migraine headaches, cataracts, acne, dermatitis, rheumatoid arthritis and eczema. Vitamin B2 plays a major role in ensuring healthy corneas and perfect vision.

Vitamin C:

is an essential vitamin. It is found in many fruits and vegetables, including oranges, strawberries, kiwi fruit, bell peppers, broccoli, kale and spinach. The recommended daily intake for vitamin C is 75 mg for women and 90-mg for men. Vitamin C is a strong antioxidant that can boost your blood antioxidant levels. This may help reduce the risk of chronic diseases like heart disease. It's also linked to reduced blood uric acid levels and lower risk of gout. It may also reduce the risk of iron deficiency. Vitamin C may boost immunity by helping white blood cells function more effectively, strengthening your skin's defense system and helping wounds heal faster. Low vitamin C levels have been linked to an increased risk of memory and thinking disorders like dementia.

Vitamin E:

plays many roles in your body. It's perhaps best known for its antioxidant effects, protecting your cells from oxidative damage by neutralizing harmful molecules called free radicals. Vitamin E fades scars and stretch marks, fights wrinkles & protect you from sun damage. It also helps hand and nail treatments & delay graying process. Prevent Age Related Macular Degeneration & Prevent Cataract formation. It also helps in preventing blood clots & prevent Cholesterol.

Zinc:

Zinc is important for normal cell division, for functioning of thymus gland, for growth in children and maturation of sex organs at puberty, for the production of male sperm, female ova and for the release of insulin.

DOSAGE:

One table spoon daily or as directed by the physician.

CAUTION:

Not use with blood thinning agents. Do not over dose.

SIDE EFFECTS:

Nil within the specified doses.

STORAGE:

Store between 15 to 30 degree centigrade. Protect from heat & light. Keep out of the reach of children.

عمومی خوراک:

ایک چمچ روزانہ یا اکثر کئی ملائیات کے مطابق استعمال کریں۔
دوبارہ گرمیوں سے بچائیں۔ تمام ادویات بچوں کی تک سے دور رکھیں۔



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