

Xanthia

Astaxanthin USP



Composition

Xanthia 2 liquid filled hard gelatin capsule: Each liquid filled hard gelatin capsule contains Astaxanthin USP 2 mg.

Xanthia 4 liquid filled hard gelatin capsule: Each liquid filled hard gelatin capsule contains Astaxanthin USP 4 mg.

Pharmacology

Pharmacodynamic Properties: Astaxanthin has very potent neutralizing effect against singlet oxygen as well as a powerful scavenging ability for free radicals. Therefore, Astaxanthin serves as an extremely effective antioxidant.

Pharmacokinetic Properties: Astaxanthin (naturally occurring carotenoid) is absorbed by passive diffusion into intestinal epithelium; this carotenoid is then incorporated into lipoproteins, transported to the liver via lymph and blood and partly resecreted with lipoproteins. More than 70% of the Astaxanthin is contained in the high density lipoprotein (HDL) fraction of the plasma and it's concentration in the small intestine is the highest, followed by subcutaneous fat, abdominal fat, spleen, liver, heart, kidney and skin. The lowest concentration of Astaxanthin is in the muscles.

Indication

Astaxanthin is a strong antioxidant indicated to- improve cardiovascular health (Atherosclerosis, reduce cholesterol), improve immune function, improve condition of skin, protect skin from damage caused by sun (Reduce wrinkles, pimples and other signs of aging), improve recovery from central nervous system injuries, protect from parkinson's disease, dementia and alzheimer's, protect eyes from cataracts and macular degeneration, reduce inflammation (Arthritis), reduce risk of infertility, reduce oxidative damage to DNA, decrease the risk for many types of cancer and stabilize blood sugar.

Dosage & Administration

Adults (18 years and older)- Daily doses is 2-4 mg. Should be taken along with or immediately prior to meals in the morning.

Different doses for various uses are given below:

Dosage	Use
2-4 mg	Strong antioxidant, improves cardiovascular health (atherosclerosis, reduces cholesterol), improves immune function.
4-8 mg	Improves condition of skin, protects skin from sun damage (reduce wrinkles, pimples and other signs of aging), improves recovery from central nervous system injuries and protects eyes from cataracts and macular degeneration.
8-12 mg	Reduces inflammation (Arthritis).
16 mg	Reduces risk of infertility.

Contraindications

Contraindicated for those with known allergies to Astaxanthin.

Side Effect

No side effects have been reported yet.

Pregnancy and Lactation

Pregnancy and lactating mothers should avoid Astaxanthin supplements as no data on safety has been found yet.

Precaution & Warning

Pregnant women and nursing mother should avoid Astaxanthin containing supplements.

Overdose Effect

No case of overdose has occurred with Astaxanthin. No Symptoms of acute toxicity were seen at the dosage above the recommended one.

Storage

Do not store above 25° C. Protect from light. Keep out of reach of children.

Packaging

Xanthia 2 liquid filled hard gelatin capsule: Each box contains 3x10's liquid filled hard gelatin capsules in blister pack.

Xanthia 4 liquid filled hard gelatin capsule: Each box contains 3x10's liquid filled hard gelatin capsules in blister pack.

Manufactured by



Ziska Pharmaceuticals Ltd.
Kaliakoir, Gazipur, Bangladesh

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Version: 00