

Citrus Bioflavonoids

Powerful antioxidant

- FREE RADICAL SCAVENGERS
- FROM LEMONS, GRAPEFRUITS AND ORANGES



Bioflavonoids are natural products found throughout the plant kingdom. Bioflavonoids are polyphenols naturally present in fruits and vegetable. High concentrates of bioflavonoids can be found especially in citrus fruits such as rosehips, limes, lemons, grapefruits, oranges and black currants. The major bioflavonoids found in citrus fruits are diosmin, hesperidin, rutin, naringin, tangeretin, diosmetin, narirutin, neohesperidin, nobiletin, and quercetin. The synergistic blend of New Roots Herbal's bioflavonoids consists of naringin from grapefruits, hesperidin from oranges, tangeretin from tangerine and diosmin from lemons.

Citrus bioflavonoids and related substances are widely used in Europe to treat diseases of the blood vessels and lymph system, including hemorrhoids, chronic venous insufficiency, easy bruising, nosebleeds, and lymphedema following breast cancer surgery. These compounds are thought to work by strengthening the walls of blood vessels.

Physiological benefits of bioflavonoids

Bioflavonoids are strong antioxidants and free radical scavengers that can be a cytoprotectant in situations where oxidants or chemicals become harmful to cells. Bioflavonoids are known to aid the cardiovascular system. They can reduce coronary heart disease, and remove strong oxidants due to their high antioxidant activity. Bioflavonoids affect enzymatic lipid peroxidation due to their enzyme inhibiting properties, as well as non-enzymatic lipid peroxidation due to their antioxidant properties. Bioflavonoids are effective in reducing the inflammation process and have wound healing effects that are useful in treating swollen soft tissue damage. Bioflavonoids stimulate phagocytosis, enzyme production, proteolysis and the removal of protein and edema fluids from injured tissues.

High consumption of fruits and vegetables are associated with the reduced risk of cancer, due to their bioflavonoids content. Bioflavonoids act as an antimutagenic and are directly involved in scavenging free radicals and have a role in the prevention of cancers in humans and animals. Bioflavonoids are found to strengthen the immune system, especially the gastrointestinal tract. They are also potent antiviral agents that can inhibit the replication of adenovirus, coronavirus and rotavirus in cell cultures.

Bioflavonoids play an important role in slowing the aging process due to its antioxidant and cytoprotective properties. They also block lipid peroxidation, which is also linked to the aging process in cells. Bioflavonoids contain natural antibiotic, analgesic and diuretic benefits, and possess antifungal activity against *Candida albicans*.

Supplementation may prevent, or be helpful with, the following conditions:

- Aging, allergies (allergic rhinitis, hay fever);
- Asthma, atherosclerosis (heart disease);
- Capillary fragility (bruising);
- Cancer, cataracts, diabetes;
- *Herpes simplex* (cold sores);
- Hypercholesterolemia (high cholesterol);
- Hypertension (high blood pressure);
- Immunodepression (immune function);
- Inflammation (including bursitis);
- Intermittent claudication (poor circulation);
- Macular degeneration, menopause;
- Periodontal disease;
- Sinusitis (sinus infection), varicose veins.

Each vegetable capsule contains:

Bioflavonoid Complex	
(lemon, grapefruit, orange)	500 mg
Hesperidin	100 mg
Quercetin	50 mg

Non-medicinal ingredients: Vegetable magnesium stearate and silicon dioxide, in a NON-GMO vegetable capsule composed of vegetable cellulose and purified water.

Contains no: Preservative, colour, dairy, sweeteners, starch, wheat or yeast.

Suggested use: As a dietary supplement, take 1 to 3 capsules daily.

Keep out of reach of children.

*Manufactured under strict GMP (Good Manufacturing Practices)
New Roots Herbal at 1-800-268-9486 or www.newrootsherbal.com*