



Hy-C® is a dietary supplement of pure hyaluronic acid with high molecular weight and red orange extract, **RED ORANGE COMPLEX® H** (Citrus sinensis) (fruit and peel) [providing (w/w) anthocyanins 2.8-3.2%, hydroxycinnamic acids 1.8-2.2%, flavanones 8.5-9.5%, ascorbic acid 5.5-6.5%]. The synergistic combination of pure hyaluronic acid of high molecular weight (about 1 million Da) and **RED ORANGE COMPLEX®** is useful for providing nutrients essential to maintaining physiological tissue balance and fighting cellular aging.

The pure hyaluronic acid, contained in **Hy-C®**, is obtained by bacterial fermentation and not from animal sources. Hyaluronic acid is one of the fundamental components of human connective tissues; it is present in high concentrations in the synovial fluid, cartilage, skin and in the eyes. Experimental evidence shows that pure hyaluronic acid with high molecular weight, orally administered, reaches the peripheral tissues, the joints, the surface layers of the skin and especially the deep layers of the entire epidermis, where creams may find it harder to penetrate.¹

From 25 years of age onwards, human beings experience a **progressive reduction in the production of hyaluronic acid** due to physiological processes associated with aging. The hyaluronic acid content in **Hy-C®** is supplementary to that lost during the phenomena of cellular aging and, thanks to its purity, it behaves like the hyaluronic acid produced by the body (endogenous hyaluronic acid).²

RED ORANGE COMPLEX® is a standardized extract obtained from the rind and the juice of three pigmented varieties of blood orange, Citrus sinensis cultivated exclusively in a particular area surrounding the Etna volcano in Sicily (Italy). These oranges grow in an area particularly prone to extreme temperature and retain inside them a high antioxidant power as a defense from the external environment. **RED ORANGE COMPLEX®** is an extract containing a specific mixture titrated to 20% in active ingredients: polyphenols (anthocyanins, flavonoids, phenols) and ascorbic acid (or vitamin C).

Ascorbic acid, also known as vitamin C, is an essential dietary element at the bottom of numerous cellular and tissue processes. In addition to bone and joint development and function, vitamin C is also the major factor involved in the synthesis of collagen, which together with hyaluronic acid, defines the structure for maintaining the elasticity of the connective tissue of blood vessels, the skin and muscles. Vitamin C is also recognized as a potent antioxidant and anti-UV. In fact, the active ingredients act synergistically and, as demonstrated by several clinical studies, its effects are better than the single component, showing itself much more effective in combating cellular aging. Taking **Hy-C®** every day reduces oxidative stress in persons with compromised antioxidant defenses, as well as in sportspersons. **RED ORANGE COMPLEX®** also able to delay skin aging due to excessive exposure to sunlight (photo-aging skin and erythema) and various environmental pollutants.^{3,8}

Indication

The synergy of the two components of **Hy-C®** is useful for counteracting all the processes that are the basis of cellular and tissue aging of the entire organism. Intensive anti-aging and support for aesthetic treatments, it also improves the defenses against damage induced by UV rays. It supports normal osteoarticular function.

Directions

For oral use only. Take one vial once a day diluted in a glass of water or directly in the mouth.

Warnings

Keep out of reach of children. If you are pregnant, nursing or taking medications, consult your doctor before use. Do not use if seal is broken. Store at room temperature. Protect from moisture. Do not exceed recommended dose.

Net volume 45 ml/1,52 fl oz

With over 10 years of experience in the ophthalmology field, crafting products for the eyes well being, Eye Pharma S.p.A. creates **IALUTEC® CREAM 3H+**. **IALUTEC® CREAM 3H+** is an innovative cosmetic treatment, highly specific to promote the beauty and well-being of the eye contour and eyelid. **IALUTEC® CREAM 3H+** counteracts the various factors underlying the cellular and tissue aging of the periorcular area with a combined action: from the inside with the oral supplement **Hy-C®**, and from the outside with the eye contour Cream **IALUTEC® CREAM 3H+**.

For more information visit www.eyepharma.com

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1. Oe M, Mitsugi K, Odanaka W, Yoshida H, Matsuoka R, Seino S, Kanemitsu T, Masuda Y. Dietary hyaluronic acid migrates into the skin of rats. Scientific World Journal. 2014.
2. Kawada C, Yoshida T, Yoshida H, Matsuoka R, Sakamoto W, Odanaka W, Sato T, Yamasaki T, Kanemitsu T, Masuda Y, Urushibata O. Ingested hyaluronan moisturizes dry skin. Nutr J. 2014 Jul 11;13:70. 3. Puglia C, Offerta A, Saija A, Trombetta D, Venera C. Protective effect of red orange extract supplementation against UV-induced skin damages: photoaging and solar lentigines. J Cosmet Dermatol. 2014 Jun;13(2):151-7. 4. Bonina FP, Puglia C, Frasca G, Cimino F, Trombetta D, Tringali G, Roccazzello A, Insriello E, Rapisarda P, Saija A. Protective effects of a standardised red orange extract on air pollution-induced oxidative damage in traffic police officers. Nat Prod Res. 2008;22(17):1544-51. 5. Cimino F, Cristani M, Saija A, Bonina FP, Virgili F. Protective effects of a red orange extract on UVB-induced damage in human keratinocytes. Biofactors. 2007;30(2):129-38. 6. Bonina FP, Leotta C, Scalia G, Puglia C, Trombetta D, Tringali G, Roccazzello AM, Rapisarda P, Saija A. Evaluation of oxidative stress in diabetic patients after supplementation with a standardised red orange extract. Diabetes Nutr Metab. 2002 Feb;15(1):14-9. 7. Jensen GS, Artridge VL, Lenninger MR, Benson KF. Oral intake of a liquid high-molecular-weight hyaluronan associated with relief of chronic pain and reduced use of pain medication: results of a randomized, placebo-controlled double-blind pilot study. J Med Food. 2015 Jan;18(1):95-101. 8. Penna I et al. Cytoprotective, anti-inflammatory, and antioxidant properties of high-molecular-weight hyaluronan enriched with red orange extract in human fibroblasts exposed to ultra violet light B irradiation. Biotechnol Appl Biochem. 2018 Dec 27.