

Essentials

High Quality, soluble Collagen Type II (minimum 60% Collagen and 10% HA) from Chicken Cartilage.



PRODUCT PROFILE SHEET

Collagen is one of the proteins found in most connective tissues, including cartilage, bone and skin. As our body ages, it loses collagen. Other factors like diet, smoking, alcohol and sun exposure also affect collagen loss. Therefore, food supplement products can play an extremely important role. Collagen Type II's main benefits are mainly related to joints, cartilage, and ligaments. The main, and most commonly used, source of Type II Collagen is chicken collagen, as chicken cartilage is the richest and most densely packed source of Type II Collagen.

Product Advantages
✓ High Quality Fine Powder
✓ Standardised to minimum 60% Collagen Type II
✓ Minimum 10% HA (Hyaluronic Acid)
✓ Minimum 10% Chondroitin Sulphate
✓ Good Solubility and Flowability
✓ Solvent free Extraction
✓ From selected approved partners
✓ Qualified and approved by our Regulatory team
✓ European Origin

Research

Orally administered hydrolysed collagen has been found to be absorbed intestinally and stimulates chondrocytes to produce type II collagen. Research suggest that hydrolysed collagen type II have the potential to repair or regenerate deteriorating collagen.^{1,2}

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Approximately 50% of all the protein in the body's joint cartilage is type II collagen. The three protein components for cartilage are proteoglycan, elastin, and type II collagen. Type II collagen fibres make up the network of bonds between elastin and proteoglycans, creating the base structure for a strong tissue. That is why several studies confirm that collagen type II supplementation may play an important role in **supporting cartilage strength**.

Collagen Type II also supports joints in absorbing the impact of movement through the day by fortifying cartilage structure and making sure that bones can move fluidly. Collagen type II may be effective and safe in treating **knee osteoarthritis**³ and **rheumatoid arthritis**⁴, most notably in reducing pain and inflammation. It may also **reduce inflammation and oxidative stress** (collagen II has antioxidant properties) in the human body.

Product Range

LEHVOSS Code	Active Ingredient	Form
26002394	Minimum 60% Collagen Type II, 10% HA (Sodium Hyaluronate) and 10% Chondroitin Sulphate	Fine powder

Product Dosage

No RDA is set for this ingredient however, up to 10 g a day is the typical use for Collagen Type II. Formulations on the market show different dosages, depending if used in combination with other ingredients.

About



LEHVOSS Nutrition is the European division of the Hamburg-based group, specialising in the sourcing, technical approval, sales and marketing of specialty ingredients for the food supplement, pharma, animal nutrition and functional foods industries.

References

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3. *J P Lugo, Z M Saiyed, N E Lane: Efficacy and tolerability of an undenatured type II collagen supplement in modulating knee osteoarthritis symptoms, Nutrition Journal volume 15, Article number: 14 (2015), published January 2016.*
4. *W Wei, Z Ling-Ling et al. A multicenter, double-blind, randomized, controlled phase III clinical trial of chicken type II collagen in rheumatoid arthritis, Arthritis Res Ther. 2009;11(6):R180. doi: 10.1186/ar2870. Epub 2009, Dec 1.*