



PRODUCT PROFILE SHEET

Our Chondroitin Sulfate Sodium (CS) is a natural, high quality ingredient from bovine origin, produced in compliance with Good Manufacturing Practice (GMP) and European dietary supplement regulations.

It undergoes strict analysis to meet European standards and is purified multiple times to meet high level pharmacopeial purity standards. The quality starts with the sourcing of uncontaminated animal cartilage, ensuring its consistent high quality.

Product Advantages
✓ High Quality
✓ Controlled European Facility HACCP and EU-GMP
✓ Extremely low naturally related substances (i.e. Keratan sulfate, Dermatan sulfate, Heparan sulfate and Nucleic acids)
✓ Purified & Freeze Dried
✓ Solvent-Free
✓ Good Solubility
✓ Good Performance in capsules and direct compression (DC) tablets
✓ Consistent, Reliable and Traceable Supply Chain Authorised and compliant with EU Legislations EC/853/2004
✓ Qualified and Approved by our Regulatory Team
✓ Backed by LEHVOSS Technical & Commercial Support

Research

In a review of 43 randomized-controlled trials (RCTs), 4,962 participants were treated with Chondroitin and 4,148 participants given either a placebo or another control.

The majority of trials focused on **knee osteoarthritis**, with others on **hip and hand osteoarthritis**. The trial durations ranged from 1 month to 3 years.

The results from these trials suggested participants who took Chondroitin showed a 20% knee pain reduction (as measured by the WOMAC Pain subscale).¹ Another review of 20 randomized-controlled trials (RCTs) also confirms the benefits of Chondroitin Sulfate Sodium for **knee osteoarthritis**.

Furthermore, when stopped after 3 months of continuous daily administration, CS will in most cases, offer lasting effects which can last for a couple of months.² Skin aging primarily occurs due to moisture loss. Studies suggest that Chondroitin may help to maintain **skin hydration**, therefore preserving a youthful appearance.³

Product Safety

In a clinical review, Chondroitin Sulfate Sodium has proven to be well tolerated and safe in all available RCTs performed.² Furthermore, CS has been used worldwide for many years in food supplements and pharmaceuticals, without any side effects.

Product Range

LEHVOSS Code	Active Content	Grade	Particle Size
26002393	90.0% - 105.0% Chondroitin Sulfate (on dried basis)	Powder	Sieved 250 µm
26002435 (High Density)	90.0% - 105.0% Chondroitin Sulfate (on dried basis)	Powder	Sieved 250 µm

Product Pack Size

Our Chondroitin Sulphate Sodium (Bovine and High Density powders) is available in 25kg bags.

Product Dosage

Recommended serving 800-1200mg/day depending on health requirements.

About



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

References

1. *J A Singh et al. (2015) Chondroitin for osteoarthritis.*
2. *Uebelhart M.D. (2008) Clinical review of chondroitin sulfate in osteoarthritis.*
3. *Min et al. (2020) Potential anti-ageing effect of chondroitin sulphate through skin regeneration.*

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