

J FLEX™

CHONDROITIN SULFATE SALT FREE 750 MG TABLETS (From Bovine / Shark Cartilage, 30% smaller than Gelatin Capsules)



DESCRIPTION:

Chondroitin was first extracted and purified in the 1960s from natural sources (shark/beef cartilage or bovine trachea). Chondroitin Sulfate is a sulfated glycosaminoglycan (GAG) composed of a chain of alternating sugars (N-acetylgalactosamine and glucuronic acid). It is usually found attached to proteins as part of proteoglycan. A chondroitin chain can have over 100 individual sugars, each of which can be sulfated in variable positions and quantities. Chondroitin sulfate is an important structural component of cartilage and provides much of its resistance to compression. Along with glucosamine, chondroitin sulfate has become a widely used treatment of osteoarthritis.

Chondroitin sulfate is a major component of extracellular matrix and is important in maintaining the structural integrity of the tissue. This function is typical of the large aggregating proteoglycans: aggrecan, versican, brevican and neurocan, collectively termed the lecticans.

As part of aggrecan, chondroitin sulfate is a major component of cartilage. The tightly packed and highly charged sulfate groups of chondroitin sulfate generate electrostatic repulsion that provides much of the resistance of cartilage to compression. Loss of chondroitin sulfate from the cartilage is a major cause of osteoarthritis.

The finished product complies with the specifications outlined in the current NHPD Compendium of Monographs. The medical ingredient complies with the specifications outlined in the Chondroitin Sulfate Sodium Monographs published in the U.S. Pharmacopoeia.

PROPER NAME(S), COMMON NAME(S) AND SOURCE MATERIAL(S):

Proper name(s)	Common name(s)	Source material(s)
Chondroitin sulfate ¹	Chondroitin sulfate ¹	< Chondroitin sulfate sodium obtained from bovine (Bovidae), porcine (Suidae), and/or avian (Phasianidae) cartilage. Note: Cartilage is derived from healthy and domestic animals used for food by humans. ²

¹ The following references were used to support the proper and common names of chondroitin sulfate: O'Neil et al. 2006

² USP 31

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GUARANTEED ANALYSIS

	Each Tablet Contains:
Chondroitin sulfate (From Bovine / Shark cartilage)	750 mg

NON-MEDICINAL:

Chosen from the current NHPD *List of Acceptable Non-medicinal Ingredients* and meets the limitations outlined in the database. Since JOINT CARE™ does not contain any gelatin or oil stability the JAA™ JOINT CARE™ Chondroitin Sulfate tablets are 30% smaller than the capsules. Also, it contains 50% less preservatives than the capsules. The JOINT CARE™ tablets manufactured by Jaa Naturals have a 75% active and 25% non-active ratio which is the best in the industry.

INDICATION:

- Helps to relieve joint pain associated with osteoarthritis (Mazières et al. 2007; Uebelhart et al. 2004; Mazières et al. 2001; Bourgeois et al. 1998; Bucsi and Poor 1998; Uebelhart et al. 1998).
- Helps to relieve pain associated with osteoarthritis of the knee (Mazières et al. 2007; Uebelhart et al. 2004; Mazières et al. 2001; Bourgeois et al. 1998; Bucsi and Poor 1998; Uebelhart et al. 1998).

DOSAGE:

800-1,200 mg, per day (Mazières et al. 2007; Hathcock and Shao 2006; Uebelhart et al. 2004; Mazières et al. 2001; Bourgeois et al. 1998; Bucsi and Poor 1998; Uebelhart et al. 1998)

DURATION OF USE:

Use for a minimum of 3 months to see beneficial effects (Bjordal et al. 2007).

ROUTE OF ADMINISTRATION: Oral

CAUTION:

- Consult a health care practitioner if symptoms worsen.
- Consult a health care practitioner prior to use if you are pregnant or breastfeeding.

NOTE:

- Contains no artificial flavours, colours, preservative, sugar, wheat, milk, salt or yeast.

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PRESENTATION:

60 Tablets / Pet Purple Bottle
90 Tablets / Pet Purple Bottle
180 Tablets / Pet Purple Bottle
240 Tablets / Pet Purple Bottle

UPS CODES:

60 Tablets	90 Tablets	180 Tablets	240 Tablets
80002368 329 6	80000091 332 6	80000092 334 0	80002368 326 5