

H & A (CANADA) INC.

1160 Tapscott Road, Toronto, Ontario, Canada M1X 1E9
Tel: (416) 412-9518 Fax: (416) 293-9066
sales@hacanada.com



PRODUCT DATA

CHONDROITIN SULPHATE 85%

Item #: CH710

CAS #: 39455-18-0

Description:

Chondroitin Sulphate (CS) is a white to off-white powder with characteristic aroma and taste. It is obtained from bovine, porcine and shark cartilage as the main sources. The method involves a proteolytic treatment, separated and purified specifically.

Application & Functional Properties:

CS stabilizes fibrous and cellular elements of connective tissue, and meanwhile lubricates and protects the membranes. A cartilage proteoglycan with sufficient CS can form a tight network that has limited uptake but high retention of water.

CS has a strong influence in the healing of wounds and ulcers, reducing inflammation of ulceroperipheral tissue, and has been studied as a potential drug in chondro protection and cartilage repair, dermatology and cosmetics, coronary heart diseases, angiogenesis, anti-atherosclerotics, anti-thrombotics, ophthalmic uses, cryopreservation, thraumatisms, inhibition of stone formation, periodontitis, osteoarthritis, adhesion prevention, radiology, etc

Specifications:

Identification	.....	Per standard
Color of solution	.....	Transparent
Assay	.....	≥ 85%
Glucuronic acid	.....	≥ 30%
Loss on drying	.....	≤ 10%
Nitrogen	.....	2.5 - 4%
pH	.....	5.5 – 7.5
Chloride	.....	≤ 1%
Protein	.....	≤ 3%
Heavy metals	.....	≤ 20ppm
Microbial:		
Total plate count	.....	≤ 1000 cfu/g
Yeast & mold	.....	≤ 100 cfu/g
E. Coli	.....	Negative
Salmonella	.....	Negative

Packing and Storage:

Preserved in 25 kg or 50 kg drums. Store in a cool, dry and place away from light.

The information above is believed to be accurate and reliable. But no warranty or representation of any kind is made by us for its use. This information does not imply a recommendation to use in whatever way that may damage any products or infringe any existing patents or proprietary rights. In no way is our company liable or accountable for any claims or losses of any client or third party as a direct or indirect result of the use of this information.