



# CHONDROITIN Q(20%)

**Kewpie Corporation**

CHONDROITIN Q(20%) is a material for health foods which contains 20% of chondroitin sulfate extracted from shark cartilage .

It has no odor characteristic of shark's cartilage and is white powder suitable for making it into tablets as well .

## WHAT IS CHONDROITIN SULFATE ?

What is chondroitin sulfate ?

Chondroitin sulfate is one of the acidic mucopolysaccharides naturally existing in animal tissue, especially in connective tissue and cartilage .

What is the function of mucopolysaccharides ?

Mucopolysaccharides has excellent water-holding capacity and has important functions like maintenance of the tissue structure , retention of moisture , lubricability and flexibility of the tissue .

What is the role of chondroitin sulfate in human body ?

Chondroitin sulfate is a main constituent of cartilage and is indispensable for smooth motion of the joints .

Excellent water-holding capacity of chondroitin sulfate helps human body to keep moisture .

However the natural synthesis of chondroitin sulfate in the body decreases as one gets aged and it is important to supply it as dietary supplement .

## EXCELLENT FEATURES OF CHONDROITIN Q(40%)

Chondroitin Q (20%) contains more than 20% of chondroitin sulfate which is extracted from shark's cartilage but it does not have smell characteristic of shark's cartilage and is suitable for a material of dietary supplements to supply chondroitin sulfate of which natural synthesis in the body decreases by aging .

## A TYPICAL COMPOSITION OF NUTRIMENTS (per 100 g)

* Calories	356 kcal
Protein	4.8 g
Fat	less than 0.1 g
Carbohydrate	84.2 g
Sodium	1700 mg
Water	5.2 g
Ash	5.8 g

\* : The value of calories is calculated from Atwater factors.

## U S E

CHONDROITIN Q(20%) is an ideal material for dietary supplements of chondroitin sulfate .

## SPECIFICATIONS AND A TYPICAL ANALYSIS

	Specifications	Analysis
Description	White powder	Passed
Mucopolysaccharides	NLT 20.0 %	24.3 %
Protein	NMT 10.0 %	1.9 %
Fat	NMT 1.0 %	NMT 0.1 %
Loss on Drying	NMT 10.0 %	7.3 %
pH	5.0 ~ 7.5	6.2
Residue on Ignition	NMT 10.0 %	6.0 %
Salt	NMT 3.0 %	0.3 %
Heavy Metals	NMT 20 ppm	NMT 20ppm
Arsenic	NMT 2 ppm	NMT 2ppm
Aerobic plate counts	NMT 1000 / g	NMT 10 / g
Coliforms	Negative / 0.1g	Negative / 0.1g
Mold and Yeast	NMT 100 / g	NMT 10 / g

## STORAGE AND EXPIRY

Storage : Store at ordinary temperature and keep it away from direct sunlight, high temperature and high humidity.

Expiry : 2 years from manufacturing date. (unopened, at ordinary temperature)

## PACKING

5 kg (in aluminum pouch with poly inner bag) × 2 = 1 carton



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