COSMO BIO CO., LTD.
Inspiration for Life Science

Sodium Chondroitin

(Squid Skin)

Product Code (Outside Japan): CSR-NaCH-02(SqS)1, CSR-NaCH-02(SqS)3
Product Code (Japan): NaCH-02(SqS)1, NaCH-02(SqS)3
Labeled Content: 1 mg/vial (NaCH-02(SqS)1), 3 mg/vial (NaCH-02(SqS)3)
Appearance: white amorphous block or powder (lyophilizate)
Source of Sodium Chondroitin: Squid Skin

Overview: Chondroitin (CH) is a glycosaminoglycan composed of repeating disaccharide units of N-acetyl-D-galactosamine (GalNAc) and D-glucuronic acid (GlcUA) and does not contain ester-linked sulfate groups. CH differs from hyaluronan in that its constituent hexosamine is GalNAc rather than N-acetyl-D-glucosamine. CH is abundant in squid skin, where it exists as unbranched polysaccharide chains covalently linked to the core proteins of proteoglycans.
The Sodium Chondroitin (NaCH) in this product is purified from squid skin and contains over 90% of unsulfated disaccharide units (0S structural unit).
Each vial contains 1 mg (NaCH-02(SqS)1) or 3 mg (NaCH-02(SqS)3) of lyophilized NaCH. The attached Certificate of Analysis provides the actual measured values for each product specification including the disaccharide unit composition.

Handling precautions:

1) The interior of the vial is depressurized. Please take care when opening the vial.
2) This product is hygroscopic. Store at 8˚C or below, protected from moisture.
3) After reconstitution, store the solution at −20 °C or below. Preparing aliquots suitable for anticipated use is recommended.
4) This product is for research use only. It is not intended for use in diagnostic or therapeutic procedures.