



Sodium Dermatan Sulfate (5-10K) (Porcine Skin)

(The average molecular weight: $5 \times 10^3 - 10 \times 10^3$)

Product Code (Outside Japan): CSR-NaDS-B2(PgS_5-10K)3

Product Code (Japan): NaDS-B2(PgS_5-10K)3

Labeled Content: 3 mg/vial

Appearance: white amorphous block or powder (lyophilizate)

Source of Sodium Dermatan Sulfate: Porcine Skin

Overview: Dermatan sulfate (DS) is a sulfated glycosaminoglycan composed of repeating disaccharide units of N-acetyl-D-galactosamine (GalNAc) and D-glucuronic acid (GlcUA) or L-iduronic acid (IdoUA). DS is abundant in skin, where it exists as unbranched polysaccharide chains covalently linked to the core proteins of proteoglycans.

The Sodium Dermatan Sulfate (NaDS) in this product is purified from porcine skin and contains at least 80% of disaccharide units bearing 4-O-sulfation of GalNAc.

Each vial contains 3 mg of lyophilized NaDS. The average molecular weight is $5 \times 10^3 - 10 \times 10^3$. The attached Certificate of Analysis provides the actual measured values for each product specification including the disaccharide unit composition and the average molecular weight.

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.

NOTICE: For R&D use only. Do not use for drug, household, cosmetically and others.

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