

Sodium Keratan Poly-Sulfate (Shark Cartilage)

Code # : AMS.CSR-NAKPS2-SHC-1

Size : 1mg/vial

Appearance : white lyophilizate

Source of sodium keratan poly-sulfate : Shark Cartilage

Outline: Keratan sulfate (KS) is a sulfated glycosaminoglycan composed of repeating disaccharide units of N-acetyl-D-glucosamine (GlcNAc) and Galactose (Gal). KS is abundant in cartilage and cornea, and exists as unbranched polysaccharide chains covalently linked to the protein core of proteoglycans. CSR-NaKPS2(ShC)1 is 1mg lyophilizate of sodium keratan poly-sulfate purified from shark cartilage. This product contains mainly the disaccharide units with disulfate structure (6-O-sulfation of GlcNAc and 6-O-sulfation of Gal). The enclosed Certification of Analysis lists actual values for product specifications such as a molecular weight.

Handling precautions:

- 1) This product is absorbent. Store avoiding humidity at 4°C or below.
- 2) Store at -20°C or below after dissolution. We recommend storing in aliquots appropriate for anticipated usage.
- 3) This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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