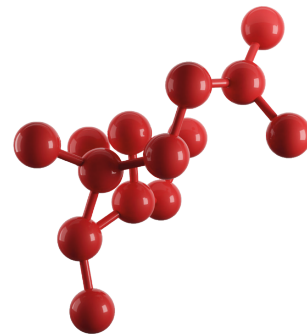


Dermatan Sulfate ^b



SPECIFICATION

Organoleptic characteristics

Limit

Description

White or almost white hygroscopic powder. Odourless

Identification tests

Identification by H-NMR

The large dermatan sulfate signals are present: 2.08 ppm, 3.54 ppm, 4.03 ppm, 4.67 ppm, 4.71 ppm and 5.90 ppm.

Physico-Chemical and Chemical Parameters

| | |
|---------------------------|------------------------|
| Loss on drying | Not more than 10.0 % |
| pH | 5.5 – 7.5 |
| Specific optical rotation | -75 – -65° |
| Chloride | Not more than 500 ppm |
| Sulfate | Not more than 500 ppm |
| Methanol | Not more than 3000 ppm |
| Acetone | Not more than 5000 ppm |

Assay

Dermatan sulfate (odb)

Not less than 90 %

ADDITIONAL INFORMATION

Dermatan sulfate derived from a sodium heparin that complies with EP, USP and JP monographs and with the following characteristics:

- Source: from Europe, North and South America
- Animal origin: 100% porcine origin (rtPCR certified)

Dermatan sulfate has no special storage requirements.