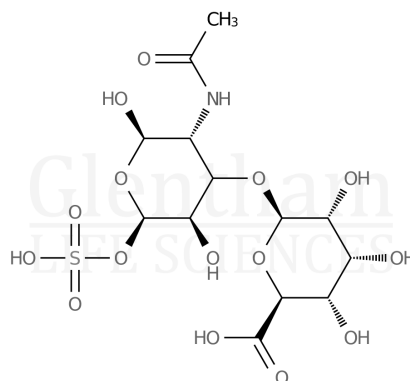


Product Specification

Product Name	Chondroitin sulfate, from bovine origin, USP grade
Glentham Code	GC3554
CAS Number	9007-28-7
EINECS	232-696-9
MDL-Nummer	MFCD00146419
Molecular Weight	463.37
Molecular Formula	$C_{13}H_{21}NO_{15}S$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to off-white powder
Identification	A, B according to USP
Clarity of Solution	≤ 0.35 (5% in water, at 420nm)
pH (1% in water)	5.5 - 7.0
Specific Optical Rotation	-20.0 - -30.0 °
Loss on Drying	≤ 10.0% (105°C, 4h)
Residue on Ignition	20.0 - 30.0 %
Total Plate Count	≤ 1000CFU/g
E. Coli	Negative
Salmonella	Negative
Chloride	≤ 0.50%
Sulphate	≤ 0.24%
Heavy Metals	≤ 20ppm
Protein	≤ 6.0% (dried basis)
Assay	90.0 - 100.5 % (dried basis)
Pharmacopoeia Specification(s)	USP
Specification Version	- v1.0
Date Created	- 2016-03-30

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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