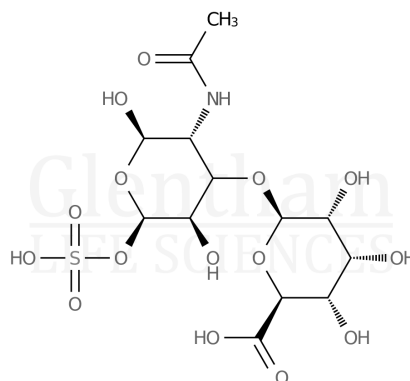


Certificate of Analysis

Product Name	Chondroitin sulfate, from bovine origin
Glentham Code	GC0982
CAS Number	9007-28-7
EINECS	232-696-9
MDL Number	MFCD00146419
Batch Number	377XFQ

Molecular Weight	463.37
Molecular Formula	$C_{13}H_{21}NO_{15}S$
Storage Temp.	+20°C



Property	Specification	Batch 377XFQ
Physical Description	White off-white powder	Conforms
Solubility (10% in water)	Clear to faintly turbid, colourless to pale yellow solution	Conforms
Sodium (Na)	≤ 10.0%	5.9%
Lead (Pb)	≤ 3ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Cadmium (Cd)	≤ 1ppm	Conforms
Mercury (Hg)	≤ 0.1ppm	Conforms
Heavy Metals	≤ 10ppm	Conforms
Loss on Drying	≤ 20.0% (105°C)	9.8%
Protein	≤ 6.0% (dried basis)	4.1%
Origin	Bovine	Conforms

Specification Version	v1.0
Manufacture Date	2017-08-24
Re-Test Date	2027-11-17

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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