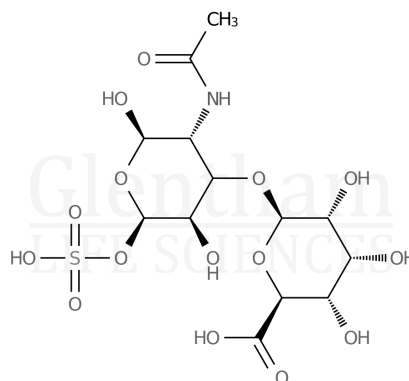


## Certificate of Analysis

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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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