

## Certificate of Analysis

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Product Name	Chondroitin sulfate A sodium salt
Glentham Code	GC6763
CAS Number	39455-18-0
MDL Number	MFCD00130792
Batch Number	658ZZS

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Molecular Weight	-
Molecular Formula	$(C_{14}H_{19}NO_{14}SNa_2)_n$
Storage Temp.	+20°C

Property	Specification	Batch 658ZZS
Physical Description	White to off-white powder	Off-white powder
Solubility (1% in water)	Clear to very faintly turbid, colourless to faint yellow solution	Conforms
Specific Optical Rotation ( $[\alpha]_{20/D}$ )	-20.0 - -30.0 ° (c=1, water)	-27.5 °
Nitrogen (N)	2.5 - 3.5 %	3.2%
Loss on Drying	≤ 10.0%	7.9%
Assay	≥ 90.0%	91.5%

Specification Version	v1.0
Manufacture Date	2020-04-28
Re-Test Date	2028-05-22

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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