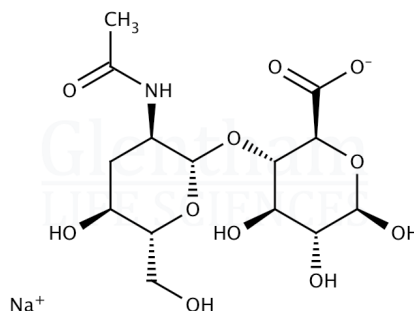


## Certificate of Analysis

Product Name	Hyaluronic acid sodium salt, m.w. 200 - 400 kDa
Glentham Code	GC0118
CAS Number	9067-32-7
MDL Number	MFCD00131348
Batch Number	837WTL
Molecular Weight	200,000 - 400,000
Molecular Formula	$(C_{14}H_{21}NaNO_{11})_n$
Storage Temp.	-20°C



Property	Specification	Batch 837WTL
Physical Description	White or almost white powder	White powder
pH (0.5% in water, 25°C)	5.0 - 8.5	5.9
Average Molecular Weight	200 - 400	220
Heavy Metals	≤ 20ppm	< 10ppm
Loss on Drying	≤ 15.0%	7.9%
Assay	≥ 91.0% (sodium hyaluronate)	97.9%

Specification Version	v1.0
Manufacture Date	2022-12-09
Re-Test Date	2032-01-20

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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