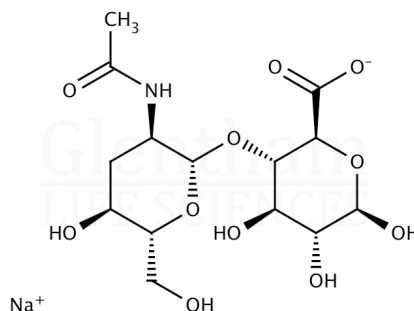


Certificate of Analysis

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 or contact us using the details above for the current version of this document.

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