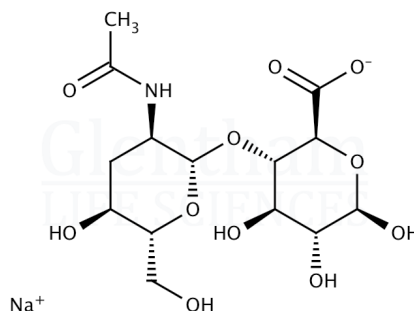


Certificate of Analysis

Product Name	Hyaluronic acid sodium salt, m.w. 30,000 - 50,000
Glentham Code	GC6191
CAS Number	9067-32-7
MDL Number	MFCD00131348
PubChem SID	310274714
Batch Number	559CXL
Molecular Weight	30,000 - 50,000
Molecular Formula	$(C_{14}H_{21}NaNO_{11})_n$
Storage Temp.	-20°C



Property	Specification	Batch 559CXL
Physical Description	White or almost white powder	White powder
pH (0.5% in water, 25°C)	5.0 - 8.5	6.7
Absorbance	≤ 0.01 (600nm)	Conforms
Absorbance	≤ 0.5 (260nm)	Conforms
Protein	$\leq 0.1\%$	Conforms
Loss on Drying	$\leq 15.0\%$	7.5%
Heavy Metals	$\leq 20\text{ppm}$	$\leq 10\text{ppm}$
Iron (Fe)	$\leq 80\text{ppm}$	Conforms
Average Molecular Weight	30000 - 50000	40000
Assay	$\geq 91.0\%$ (Sodium hyaluronate)	97.4%

Specification Version	v1.1
Manufacture Date	2025-03-13
Re-Test Date	2033-03-26

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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