

## Product Specification

Product Name	Heparin sodium salt, Ph. Eur. grade
Glentham Code	GC9695
CAS Number	9041-08-1
MDL Number	MFCD00081689
Additional CAS	9005-49-6

Molecular Weight	1090.86
Molecular Formula	$C_{24}H_{36}N_2O_{36}S_5$
Storage Temp.	+4°C

Property	Specification
Physical Description	White or almost white, hygroscopic powder
Identification	A, B, C, D, E: According to EP
Appearance of Solution	Clear, and colour $\leq$ Y5
pH	5.5 - 8.0
Nucleotidic impurities	$\leq$ 0.15 (at 260nm)
Protein	$\leq$ 0.5% (dried)
Related Substances	Sum of Dermatan Sulfate and Chondroitin Sulfate: $\leq$ 2.0% Any other impurity: According to EP
Nitrogen	1.5 - 2.5 % (dried)
Sodium	10.5 - 13.5 % (dried)
Loss on Drying	$\leq$ 8.0%
Bacterial Endotoxins	0.01 IU max per IU Heparin
Total Aerobic Microbial Count	$\leq$ 10CFU/g
Total Mould / Yeast Count	$\leq$ 10CFU/g
Potency	$\geq$ 180IU/mg (dried basis)
Pharmacopoeia Specification(s)	EP

Specification Version	-	v1.2
Date Created	-	2024-10-24

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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