

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	$C_{24}H_{38}N_2O_{36}S_5$
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 ≤ Y5
pH	5.5 - 8.0
Nucleotidic impurities	≤ 0.15 (at 260nm)
Protein	≤ 0.5% (anhydrous)
Related Substances	Sum of Dermatan Sulfate and Chondroitin Sulfate: ≤ 2.0% Any other impurity: According to EP
Nitrogen	1.5 - 2.5 % (anhydrous)
Sodium	10.5 - 13.5 % (anhydrous)
Loss on Drying	≤ 8.0%
Bacterial Endotoxins	0.01 IU max per IU Heparin
Total Aerobic Microbial Count	≤ 10CFU/g
Total Mould / Yeast Count	≤ 10CFU/g
Potency	≥ 180IU/mg (wet)
Pharmacopoeia Specification(s)	EP

Specification Version	-	v1.1
Date Created	-	2023-10-11

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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