

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 ≤ 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

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