

## Product Datasheet

### GC9695 - Heparin sodium salt, Ph.

### Eur. grade

#### Product Details

Product Name	Heparin sodium salt, Ph. Eur. grade
Glentham Code	GC9695
CAS Number	9041-08-1
MDL Number	MFC00081689
Additional CAS	9005-49-6
Related Categories	APIs, Carbohydrates, Biochemicals, Reagents for Cell Culture, Polysaccharides

Bacterial Endotoxins	: 0.01 IU max per IU Heparin
Total Aerobic Microbial Count	: ≤ 10CFU/g
Total Mould / Yeast Count	: ≤ 10CFU/g
Pharmacopoeia Specification(s)	: EP
Identification	: A, B, C, D, E: According to EP
Appearance of Solution	: Clear, and colour ≤ Y5
Nucleotidic impurities	: ≤ 0.15 (at 260nm)
Related Substances	: Sum of Dermatan Sulfate and Chondroitin Sulfate: ≤ 2.0% : Any other impurity: According to EP
Version	: v1.1

#### Structure

Molecular Weight	: 1090.86
Molecular Formula	: $C_{24}H_{38}N_2O_{36}S_5$

### About Heparin sodium salt, Ph. Eur. grade

No further details on record.

#### Storage

Recommended storage temperature: +4°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description	: White or almost white, hygroscopic powder
Potency	: ≥ 180IU/mg (wet)
pH	: 5.5 - 8.0
Protein	: ≤ 0.5% (anhydrous)
Nitrogen	: 1.5 - 2.5 % (anhydrous)
Sodium	: 10.5 - 13.5 % (anhydrous)
Loss on Drying	: ≤ 8.0%

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