

Product Datasheet

GC9695 - Heparin sodium salt, Ph.

Eur. grade

Product Details

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