

Certificate of Analysis

Product Name: Heparin calcium (MW 3600-5000)
Cat. No.: GD19021
Batch No.: 1

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 37270-89-6
Molecular Weight: 3600-5000(Average)
Storage: 2-8°C

ANALYTICAL DATA

Appearance: A solid
AVERAGE MW: 4650
Percentage of mass weight(<2000): 10%
Infrared Spectrum: Conforms to Structure
Percentage of mass weight(2000-4000): 41%
SO₄²⁻/COO⁻: ≥1.8
PH(0.1g/10ml H₂O): 6.8
NITROGEN: 2.5%
Loss on Drying: 0.6846
Free sulfates: ≤0.5%
Bacterial endotoxin: ≤0.01EU/IU of anti-factor-Xa activity
Percentage of mass weight(2000-8000): 95%
Microbial contamination(TAMC): ≤100CFU/g
Microbial contamination(TYMC): ≤10CFU/g
Anti-factor-Xa activity(dried substance): 110 IU/mg
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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