Heparin Solution, 1000 units/ml

Sterile filtered
Cell Culture tested

Product Code: TCL129

Product Description:

Heparin is a linear polysaccharide consisting of repeating disaccharide units of L-iduronic acid or its epimer D-glucuronic acid and D-glucosamine, which is either N-acetylated or N-sulfated. Heparin is a highly sulfated form of heparan sulfate and belongs to glycosaminoglycan (GAG) group of sugars. Chemically it is acidic in nature. Single molecule of heparin carries 75-100 negative charges. As a result, heparin interacts with a large number of proteins and other basic molecules through ionic and hydrogen bonding interactions. It is involved in a wide range of fundamental biological processes, including proliferation, differentiation, tissue homeostasis, and viral pathogenesis.

TCL129 is a Heparin solution with 1000 units of heparin per ml.

Quality Control:

Appearance
Clear colorless solution

pH
6.00 - 8.00

Sterility
No bacterial or fungal growth is observed after 14 days of incubation, as per USP specification.

Endotoxin Content
NMT 0.5 EU/ml

Storage and Shelf Life:

Store at 2-8°C away from bright light.
Shelf life of the product is 12 months.
Use before expiry date given on product label.