

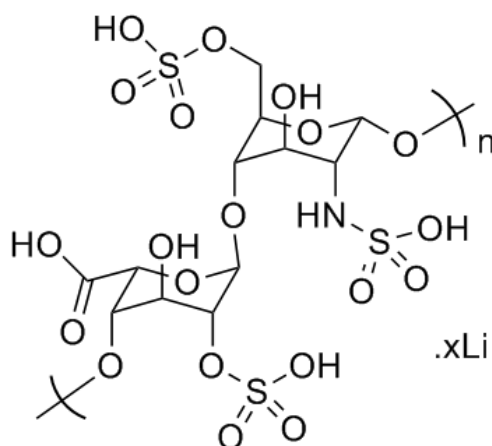
Certificate of Analysis

Product Name: Heparin Lithium salt
 Cat. No.: GC36215
 Batch No.: 2
 Chemical Name:

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 9045-22-1
 Molecular Formula: $(C_{14}H_{25}NO_{20}S_3)_n \cdot xLi$
 Molecular Weight:
 Storage: 4°C, protect from light

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
 Absorbance 260nm: 0.081
 Absorbance 280nm: 0.065
 Heavy metals: 20 ppm
 Lithium: 4
 Loss on drying: 3.8 %
 Nitrogen: 2.2 %
 PH: 6
 Protein: 0.4 %
 Potency: ~200 units/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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
 Address: 10292 Central Ave. #205, Montclair, CA, USA