

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: Enoxaparin sodium (from Hog intestine)
Specifications & Purity:
SKU # H284086

Parameter	Limit Values
Appearance(H284086)	White to almost white powder
Identification	pass
Ultraviolet absorption	Conforms
13C-NMR Spectrum	Pass
Anti-FXa/Anti-FIIa	3.3-5.3
The mass-average relative molecular mass ranges between 3800 and 5000	3800-5000
weight-average molecular weight:2000	12-20 (%)
weight-average molecular weight:2000-8000	68-82 (%)
weight-average molecular weight:8000	≤18 (%)
Positive sodium reaction	Complies
PH (10% Water)	6.2-7.7
Benzyl alcohol content	≤0.1 (%)
Specific absorbance The specific absorbance at 231±2nm (dried substance)	14-20
Sodium(Na)	11.3-13.5 (%)
Nitrogen	1.8-2.5 (%)
Loss on drying	0-10 (%)
SO42-/COO-	≥1.8
Bacterial endotoxins It contains NMT 0.01 USP Endotoxin Unit/IU of Anti-Factor Xa activity	Pass
Microbiological examination TAMC	≤10 (cfu/g)
Microbiological examination TYMC	≤10 (cfu/g)
Escherichia coli	negative
Salmonella	negative
Pseudomonas Aeruginosa	Negative
Solvents(Ethanol)	≤5000 (ppm)
Solvents(DMF)	≤880 (ppm)
Anti-Factor Xa activity The potency is NLT 90 and NMT 125 Anti-Factor Xa IU/mg on the dried basis	90-125
Anti-Factor IIa activity It has a potency of NLT 20.0 and NMT 35.0 Anti-Factor IIa IU/mg on the dried basis	20-35
1,6-anhydro derivatate	15-25 (%)