

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-10-15 10:29:44
 Date of Next Testing: 2025-10-14 10:29:44
 Product Name: **Enoxaparin sodium**
 CAS Number: 679809-58-6
 Specifications & Purity: PharmPure™, USP
 Lot #: J22111068
 SKU #: **E413286**
 Version: **3**
 Analysis #: **118096**
 Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Sodium(Na)	11.3-13.5 (%)	12.62000 %
Bacterial endotoxins	≤ 1.25 (EU/mg)	1.00000 EU/mg
Nitrogen content	1.8-2.5 (%)	2.10000 %
UV Absorbance 229nm-233nm	14.0-20.0	16.90000
pH	6.2-7.7	6.70000
Drying loss	≤10 (%)	2.80000 %
Anti-Factor Xa activity	90-125 (IU/mg)	110.00000 IU/mg OR I.U./mg
Anti-Factor IIa activity	20-35 (IU/mg)	30.30000 IU/mg OR I.U./mg
Benzyl alcohol content	≤0.1 (%)	0.00100 %
Ethanol	≤5000 (ppm)	416.00000 ppm
N,N-Dimethylformamide(DMF)	≤880 (ppm)	10.00000 ppm
SO42-/COO-	≥1.8	2.30000
Appearance(E413286)	White to off-white Powder	White to Off-White Powder
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager