

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-15 09:55:53

Date of Next Testing: 2028-07-14 09:55:53

Product Name: **Enoxaparin sodium**

CAS Number: 679809-58-6

Specifications & Purity: PharmPure™, USP

Lot #: J22111065

SKU #: **E413286**

Version: **3**

Analysis #: **539720**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                  | Limit Values              | Result                     |
|----------------------------|---------------------------|----------------------------|
| Sodium(Na)                 | 11.3-13.5 (%)             | 12.61800 %                 |
| Nitrogen content           | 1.8-2.5 (%)               | 2.09800 %                  |
| UV Absorbance 229nm-233nm  | 14.0-20.0                 | 16.89000                   |
| pH                         | 6.2-7.7                   | 6.67000                    |
| Drying loss                | ≤10 (%)                   | 2.78000 %                  |
| Anti-Factor Xa activity    | 90-125 (IU/mg)            | 110.00000 IU/mg OR I.U./mg |
| Anti-Factor IIa activity   | 20-35 (IU/mg)             | 30.23000 IU/mg OR I.U./mg  |
| Benzyl alcohol content     | ≤0.1 (%)                  | 0.00100 %                  |
| Ethanol                    | ≤5000 (ppm)               | 415.00000 ppm              |
| N,N-Dimethylformamide(DMF) | ≤880 (ppm)                | 10.00000 ppm               |
| Bacterial endotoxins       | ≤ 1.25 (EU/mg)            | 1.00000 EU/mg              |
| SO42-/COO-                 | ≥1.8                      | 2.29800                    |
| 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