

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-20 16:07:28
 Date of Next Testing: 2029-05-19 16:07:28
 Product Name: **Nadroparin Calcium**
 CAS Number: 37270-89-6
 Specifications & Purity: Average molecular weight: 3600-5000
 Lot #: E2611387
 SKU #: **N283851**
 Version: **1**
 Analysis #: **681085**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Calcium (dried substance)	9.5-11.5 (%)	10.40000 %
pH	5.5-8	7.00000
Heavy metals	0-20 (ppm)	0.52600 ppm
Nitrogen (dried substance)	1.5-2.5 (%)	1.80000 %
Loss on drying	≤10 (%)	2.10000 %
Average Molecular Weight	3600-5000	4600.00000
SO ₄ /COO-	≥1.8	2.10000
Anti-factor-Xa activity (dried substance)	95-130 (IU/mg)	111.00000 IU/mg OR I.U./mg
Anti-factor-Xa to anti-factor-IIa activity ratio	2.5-4	3.10000
Nitrite (dried substance)	≤5 (ppm)	0.40000 ppm
N-NO content (dried substance)	≤0.25 (ppm)	0.21000 ppm
Free sulfates (Ethanol, dried substance)	≤0.5 (%)	0.05000 %
Residual solvents (dried substance)	≤0.5 (%)	0.13200 %
Microbial contamination (A: TAMC)	≤10 (cfu/g)	1.32500 cfu/g
Microbial contamination (B: TAMC)	≤10 (cfu/g)	1.23500 cfu/g
Appearance (N283851)	White to off white powder	White to Off White Powder
Identification	pass	Pass
Bacterial endotoxins (< 0.01EU/AXaIU)	Conforms	Conforms



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager