

Certificate of Analysis

Date of Testing: 2024-11-22 12:24:46

Date of Next Testing: 2027-11-22 12:24:46

Product Name: **Nadroparin Calcium**

CAS Number: 37270-89-6

Specifications & Purity: Average molecular weight: 3600-5000

Lot #: K2421111

SKU #: **N283851**

Version: **1**

Analysis #: **369054**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Calcium (dried substance)	9.5-11.5 (%)	10.70000 %
PH	5.5-8	6.80
Heavy metals	0-20 (ppm)	20.00 ppm
Nitrogen (dried substance)	1.5-2.5 (%)	1.80000 %
Loss on drying	≤10 (%)	2.20 %
Average Molecular Weight	3600-5000	4650.00
SO ₄ /COO-	≥1.8	2.10000
Anti-factor-Xa activity (dried substance)	95-130 (IU/mg)	109.00000 IU/mg OR I.U./mg
Nitrite (dried substance)	≤5 (ppm)	0.50000 ppm
N-NO content (dried substance)	≤0.25 (ppm)	0.17000 ppm
Free sulfates (Ethanol , dried substance)	≤0.5 (%)	0.42000 %
Residual solvents (dried substance)	≤0.5 (%)	0.18600 %
Anti-factor-Xa to anti-factor-IIa activity radio	2.5-4	2.61000
Microbial contamination (A: TAMC)	≤10 (cfu/g)	8.00000 cfu/g
Microbial contamination (B: TAMC)	≤10 (cfu/g)	5.30000 cfu/g
Appearance (N283851)	White to off white powder	White to Off White Powder
Bacterial endotoxins (< 0.01EU/AXaIU)	Conforms	Conforms
Identification	pass	Pass



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager