

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-24 09:52:18
Date of Next Testing: 2029-03-23 09:52:18
Product Name: **Heparin calcium**
CAS Number: 37270-89-6
Specifications & Purity: Mw 15000-19000
Lot #: C2616770
SKU #: **H283849**
Version: **1**
Analysis #: **664575**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Specific rotation $[\alpha]_{20/D}(C=0.04, H_2O)$	≥ 50 (°)	63.00000°
pH (0.10g/10ml)	6-8	6.70000
Molecular Weight* (MW)	15000-19000	16742.00000
Residual solvents(Ethanol)(anhydrous)	0-0.5 (%)	0.03500 %
Loss on drying	0-5 (%)	2.00000 %
Residue on Ignition	28-41 (%)	35.50000 %
Calcium(Ca) anhydrous	9.5-11.5 (%)	10.40000 %
Sodium (Na)(anhydrous)	0-0.15 (%)	0.02500 %
Heavy metals	0-30 (ppm)	15.00000 ppm
Identification	pass	Pass
Solubility in Water	Pass	Pass
Appearance(H283849)	white to off-white solid	White to off-white solid



John Su
QA & QC Manager