

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-11-14 16:44:00
Date of Next Testing: 2026-11-13 16:44:00
Product Name: **Heparin sodium salt**
CAS Number: 9041-08-1
Specifications & Purity: ≥ 180 USP units/mg
Lot #: K2204562
SKU #: **H123383**
Analysis: **155521**
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
potency (dry basis)	≥ 180 (units/mg)	209.90 units/mg
Loss on drying	0-5 (%)	1.90 %
Nitrogen by Elemental Analysis (anhydrous)	1.3-2.5 (%)	2.10 %
Appearance (H123383)	White to Off-White Powder	White to Off-White Powder
Identification(Chromatographic Identity)	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow , Clear , 50 mg/ml H ₂ O	pass	Pass



John Su
QA & QC Manager