

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-05-15 11:52:11
Date of Next Testing: 2029-05-14 11:52:11
Product Name: **Heparan Sulfate**
CAS Number: 9050-30-0
Specifications & Purity: Potency \geq 50IU/mg
Lot #: E2608079
SKU #: **H304938**
Version: **2**
Analysis #: **654574**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
potency	\geq 50 (IU/mg OR I.U./mg)	54.00000 IU/mg ORI.U./mg
Loss on drying	\leq 5.0 (%)	2.35000 %
Light absorption 260nm	\leq 0.45	0.30000
Light absorption 280nm	\leq 0.35	0.30000
pH	5.5 -7.5	6.00000
Bacteria counts	\leq 100 (cfu/g)	23.35000 cfu/g
Molds and yeasts	\leq 10 (cfu/g)	4.12000 cfu/g
Appearance(H304938)	White to off-white	white to off-white to yellow powder
Impurity(NMR)(The N-acetyl protons of heparin show a single peak at 2.04 \pm 0.02ppm. No peak should be visible at 2.16 \pm 0.03ppm.(Not included 13C satellite peak).)	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager