

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

### Certificate of Analysis

Date of Testing: 2026-02-03 11:10:23  
 Date of Next Testing: 2029-02-02 11:10:23  
 Product Name: **Heparan Sulfate**  
 CAS Number: 9050-30-0  
 Specifications & Purity: Potency ≥ 50IU/mg  
 Lot #: A2628183  
 SKU #: **H304938**  
 Version: **2**  
 Analysis #: **654574**  
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
potency	≥50 (IU/mg OR I.U./mg)	54.00000 IU/mg ORI.U./mg
Loss on drying	≤5.0 (%)	2.35000 %
Light absorption 260nm	≤0.45	0.30000
Light absorption 280nm	≤0.35	0.30000
pH	5.5 -7.5	6.00000
Bacteria counts	≤100 (cfu/g)	23.35000 cfu/g
Molds and yeasts	≤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±0.02ppm. No peak should be visible at 2.16±0.03ppm.(Not included 13C satellite peak).)	Conforms to Structure	Conforms to Structure



John Su  
 QA & QC Manager