

## Specification Sheet

Product Name: **Heparan Sulfate**  
Specifications & Purity: Potency  $\geq 50$  IU/mg  
SKU #: **H304938**

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