

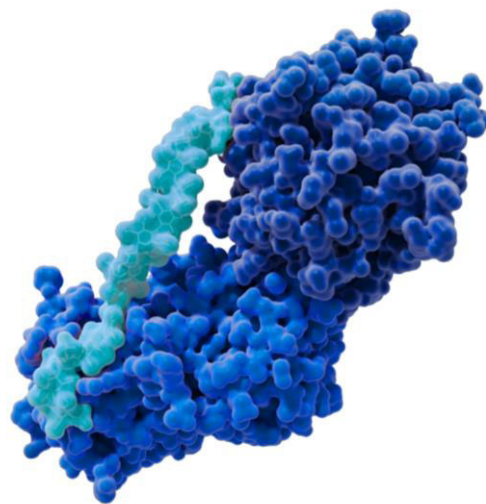
Heparin – Under Control

Regulatory-Compliant Testing with NMR & Chemometrics

A validated, pharmacopeia-compliant solution for **identity, purity, and origin verification** in under 20 minutes

How It Works

- We verify the **identity of your heparin** sample using **^1H and 2D NMR spectroscopy**, detect **impurities** (including OSCS), and assess **compliance with Ph. Eur. and USP standards**.
- We differentiate **animal species**, identify **manufacturing origins**, and assess **structural consistency** through **chemometric modeling**.
- We provide quantitative data on **molecular weight, water, and ion content** – all from the same sample and workflow.



Validated on more than 1,000 samples - our method supports:

- ✓ Fast batch release decisions
- ✓ Raw material verification across global supply chains
- ✓ Early detection of deviations and fraud
- ✓ Supplier qualification and documentation
- ✓ Support for regulatory inspections and audits

Why Our Method Stands Out:

- ✓ Fully compliant with **Ph. Eur. and USP** – ensures regulatory alignment
- ✓ Detection of **OSCS and residual solvents** – no hidden risks
- ✓ **Species-specific differentiation** (porcine, bovine, ovine & blends)