

Certificate of Analysis

Date of Testing: 2023-01-29 11:45:57
Date of Next Testing: 2027-01-28 11:45:57
Product Name: **Heparin sodium salt**
CAS Number: 9041-08-1
Specifications & Purity: ≥ 180 (units/mg)
Lot #: A2314120
SKU #: **H104201**
Analysis: **173793**
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	1.3-2.5 (%)	2.10 %
Ignition Residue	28-41 (%)	38.10 %
Heavy metals	0-30 (ppm)	29.80 ppm
PH	5-7.5	6.80
Loss on drying	0-5 (%)	2.10 %
potency	≥ 180 (units/mg)	229.60 units/mg
Appearance (H104201)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager