

## Certificate of Analysis

Date of Testing: 2024-11-28 17:31:04  
Date of Next Testing: 2028-11-27 17:31:04  
Product Name: **Heparin lithium salt**  
CAS Number: 9045-22-1  
Specifications & Purity: ~200 units/mg  
Lot #: K2426195  
SKU #: **H101524**  
Version: **0**  
Analysis #: **441813**

Parameter	Limit Values	Result
PH	5.5-8	6.30
Absorbance 280 nm	0-0.1	0.01
Protein Content	0-0.5 (%)	0.04 %
Heavy metals	0-30 (ppm)	22.00 ppm
Loss on drying	0-5 (%)	4.00 %
Nitrogen by Elemental Analysis	1.5-2.5 (%)	1.80 %
Lithium(Li)	3-4.5	4.20
Absorbance 260nm	0-0.1	0.02
Appearance (H101524)	White to Off-White Powder	White to Off-White Powder
Bacterial endotoxins	pass	Pass



John Su  
QA & QC Manager