

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-02-13 09:53:30

Date of Next Testing: 2029-02-12 09:53:30

Product Name: **Heparin lithium salt**

CAS Number: 9045-22-1

Specifications & Purity: ~200 units/mg

Lot #: B2511290

SKU #: **H101524**

Version: **0**

Analysis #: **469695**

Storage Temperature: Room temperature

| Parameter                      | Limit Values              | Result                    |
|--------------------------------|---------------------------|---------------------------|
| Absorbance 280 nm              | 0-0.1                     | 0.02200                   |
| Protein Content                | 0-0.5 (%)                 | 0.10000 %                 |
| Heavy metals                   | 0-30 (ppm)                | 10.00000 ppm              |
| Loss on drying                 | 0-5 (%)                   | 1.40000 %                 |
| Nitrogen by Elemental Analysis | 1.5-2.5 (%)               | 2.00000 %                 |
| Lithium(Li)                    | 3-4.5                     | 3.30000                   |
| Absorbance 260nm               | 0-0.1                     | 0.02200                   |
| pH                             | 5.5-8                     | 6.80000                   |
| Appearance (H101524)           | White to Off-White Powder | White to Off-White Powder |
| Bacterial endotoxins           | pass                      | Pass                      |



John Su  
QA & QC Manager