

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-04-15 16:23:06

Date of Next Testing: 2028-04-14 16:23:06

Product Name: **Heparin lithium salt**

CAS Number: 9045-22-1

Specifications & Purity:  $\geq 150$  USP units/mg

Lot #: D2402022

SKU #: **H101523**

Version: **1**

Analysis #: **347180**

Storage Temperature: Store at 2-8°C

| Parameter                                                        | Limit Values              | Result                    |
|------------------------------------------------------------------|---------------------------|---------------------------|
| Loss on drying                                                   | 0-8 (%)                   | 1.80000 %                 |
| Lithium(Li)                                                      | 3-4 (%)                   | 3.80000 %                 |
| potency                                                          | $\geq 150$ (U/mg)         | 150.00000 U/mg            |
| Appearance (H101523)                                             | White to Off-White Powder | White to Off-White Powder |
| Capillary electrophoresis (per usp)                              | pass                      | Pass                      |
| Proton NMR spectrum                                              | Conforms to Structure     | Conforms to Structure     |
| Solubility in H <sub>2</sub> O , clear , 200mg plus 5ml of water | pass                      | Pass                      |



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QA & QC Manager