

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-18 16:59:20

Date of Next Testing: 2026-11-18 16:59:20

Product Name: **Alamethicin**

CAS Number: 27061-78-5

Specifications & Purity:  $\geq 98\%$ 

Lot #: K2418460

SKU #: **A132913**Version: **0**Analysis #: **391136**Storage Temperature: Store at  $-20^{\circ}\text{C}$ 

| Parameter                      | Limit Values                   | Result                       |
|--------------------------------|--------------------------------|------------------------------|
| Carbon by Elemental Analysis   | 54-56.2 (%)                    | 55.70000 %                   |
| Purity(HPLC)                   | 98-100 (%)                     | 100.00000 %                  |
| Melting point                  | 255-271 ( $^{\circ}\text{C}$ ) | 260.10000 $^{\circ}\text{C}$ |
| Nitrogen by Elemental Analysis | 14.7-16.2 (%)                  | 15.70000 %                   |
| Appearance (A132913)           | White to tan powder            | White to tan powder          |
| Proton NMR spectrum            | Conforms to Structure          | Conforms to Structure        |

John Su  
QA & QC Manager