

## Certificate of Analysis

Date of Testing: 2024-04-11 17:37:30  
Date of Next Testing: 2026-04-11 17:37:30  
Product Name: **Alamethicin**  
CAS Number: 27061-78-5  
Specifications & Purity:  $\geq 98.0\%$   
Lot #: D2403659  
SKU #: **A132913**  
**Analysis:** **327457**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.04000 %
Melting point	255-271 ( $^{\circ}\text{C}$ )	256.80000 $^{\circ}\text{C}$
Carbon by Elemental Analysis	54-56.2 (%)	55.10 %
Nitrogen by Elemental Analysis	14.7-16.2 (%)	14.85 %
Appearance (A132913)	White to tan powder	White to tan powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager