

Certificate of Analysis

Date of Testing: 2025-07-04 14:36:24
Date of Next Testing: 2027-07-04 14:36:24
Product Name: **Alamethicin**
CAS Number: 27061-78-5
Specifications & Purity: $\geq 98\%$
Lot #: G2503146
SKU #: **A132913**
Version: **0**
Analysis #: **534955**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	54-56.2 (%)	54.30 %
Purity(HPLC)	98-100 (%)	100.00000 %
Melting point	255-271 ($^{\circ}\text{C}$)	256.20000 $^{\circ}\text{C}$
Nitrogen by Elemental Analysis	14.7-16.2 (%)	14.78 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (A132913)	White to tan powder	White to tan powder



John Su
QA & QC Manager