

Certificate of Analysis

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

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

Product Name: **Alamethicin**

CAS Number: 27061-78-5

Specifications & Purity: $\geq 98\%$

Lot #: K2418372

SKU #: **A132913**

Version: **0**

Analysis #: **404994**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Carbon by Elemental Analysis	54-56.2 (%)	56.10 %
Purity(HPLC)	98-100 (%)	100.00000 %
Melting point	255-271 ($^{\circ}\text{C}$)	261.10000 $^{\circ}\text{C}$
Nitrogen by Elemental Analysis	14.7-16.2 (%)	15.40 %
Appearance (A132913)	White to tan powder	White to tan powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager