

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-21 11:04:36
Date of Next Testing: 2025-09-10 11:04:36
Product Name: **Plicamycin**
CAS Number: 18378-89-7
Specifications & Purity: $\geq 95\%$
Lot #: L2109072
SKU #: **P113149**
Analysis: **279225**
Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Melting point	180-191 ($^{\circ}\text{C}$)	184.30000 $^{\circ}\text{C}$
Purity(HPLC)	95-100 (%)	97.00000 %
Appearance (P113149)	yellow powder	yellow powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in MeOH , Yellow Clear 9.80 - 10.20 mg/ml	pass	Pass



John Su
QA & QC Manager