

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 #: L2109073  
SKU #: **P113149**  
**Analysis:** **279225**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$ , 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