

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-09-26 18:03:25  
Date of Next Testing: 2026-09-16 18:03:25  
Product Name: **Plicamycin**  
CAS Number: 18378-89-7  
Specifications & Purity:  $\geq 95\%$   
Lot #: I2419126  
SKU #: **P113149**  
Version: **0**  
Analysis #: **415483**  
Storage Temperature: Store at -20°C, Argon charged

| Parameter  | Limit Values          | Result                |
|--|-----------------------|-----------------------|
| Melting point  | 180-191 (°C)          | 182.60000 °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