

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-11 14:17:33  
 Date of Next Testing: 2029-11-10 14:17:33  
 Product Name: **Actinomycin D**  
 CAS Number: 50-76-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: K2505071  
 SKU #: **A113142**  
 Version: **1**  
 Analysis #: **474833**  
 Storage Temperature: Protected from light, Store at  $-20^{\circ}\text{C}$

| Parameter                                  | Limit Values                   | Result                         |
|--------------------------------------------|--------------------------------|--------------------------------|
| Purity(HPLC)                               | 98-100 (%)                     | 98.80000 %                     |
| Melting point                              | 242-250 ( $^{\circ}\text{C}$ ) | 242.50000 $^{\circ}\text{C}$   |
| Appearance (A113142Form)                   | Crystalline Solid              | crystalline solid              |
| Appearance(A113142Color)                   | Red                            | Red                            |
| Solubility in DMSO , transparent , 1 mg/mL | Solution transparent , 1 mg/mL | Solution transparent , 1 mg/mL |
| Infrared spectrum                          | Conforms to Structure          | Conforms to Structure          |



John Su  
QA & QC Manager