

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-27 14:53:10  
Date of Next Testing: 2027-11-27 14:53:10  
Product Name: **Actinomycin D**  
CAS Number: 50-76-0  
Specifications & Purity: for cell culture, from Streptomyces sp.  
Lot #: K2425259  
SKU #: **A432787**  
Version: **3**  
Analysis #: **431905**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Assay	950-1030 (µg/mg)	981.00000 µg/mg
Specific Rotation(after drying,10 mg, methanol, 10 mL, 100 mm)	-329--293 (°)	-295.00000 °
Appearance(A432787)	Red Crystalline Solid	Orange to Red Soild
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Solubility in Acetonitrile , Orange to Red Clear Liquid,0.90 - 1.10 mg/ml	Pass	Pass
Cell Culture(Suitability)	Pass	Pass



John Su  
QA & QC Manager