

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-27 14:24:24  
Date of Next Testing: 2026-06-26 14:24:24  
Product Name: **Actinomycin D**  
CAS Number: 50-76-0  
Specifications & Purity: for cell culture, from Streptomyces sp.  
Lot #: F2314329  
SKU #: **A432787**  
Version: **3**  
Analysis #: **228365**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Specific Rotation(after drying,10 mg, methanol, 10 mL, 100 mm)	-329--293 (°)	-317.00000 °
Assay	950-1030 (µg/mg)	982.00000 µg/mg
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Cell Culture(Suitability)	Pass	Pass
Solubility in Acetonitrile , Orange to Red Clear Liquid,0.90 - 1.10 mg/ml	Pass	Pass
Appearance(A432787)	Orange to Red Soild	Orange to Red Soild



John Su  
QA & QC Manager