

Certificate of Analysis

Date of Testing: 2024-11-27 17:10:10

Date of Next Testing: 2027-11-27 17:10:10

Product Name: **Actinomycin D**

CAS Number: 50-76-0

Specifications & Purity: for cell culture, from Streptomyces sp.

Lot #: K2425260

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