

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-19 14:36:50  
Date of Next Testing: 2026-12-19 14:36:50  
Product Name: **Clarithromycin**  
CAS Number: 81103-11-9  
Specifications & Purity: Moligand™, ≥98%  
Lot #: L2416663  
SKU #: **C129746**  
Version: **0**  
Analysis #: **442253**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.72100%
Melting point	222-227 (°C)	226.41000 °C
Specific Rotation [α] <sub>20</sub> /D(c=1 in CHCL <sub>3</sub> )	-97--87 (°)	-96.88°
Appearance (C129746)	White or light yellow powder	White or light yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMSO , Colorless to Faint Yellow Clear(0.90-1.10 mg/ml)	Conforms	Conforms



John Su  
QA & QC Manager