

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-08-08 18:59:34  
Date of Next Testing: 2024-08-07 18:59:34  
Product Name: **Clarithromycin**  
CAS Number: 81103-11-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: I2023181  
SKU #: **C129746**  
**Analysis:** **122631**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.32400 %
Melting point	222-227 (°C)	224.70000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	-97--87 (°)	-94.60 °
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