

## Certificate of Analysis

Date of Testing: 2023-05-11 15:40:33  
Date of Next Testing: 2025-05-10 15:40:33  
Product Name: **Clarithromycin**  
CAS Number: 81103-11-9  
Specifications & Purity:  $\geq 98\%$   
Lot #: H2103115  
SKU #: **C129746**  
**Analysis:** **222037**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.05800 %
Melting point	222-227 (°C)	226.61000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	-97--87 (°)	-93.46 °
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