

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-10-11 10:01:36

Date of Next Testing: 2025-10-10 10:01:36

Product Name: **Clarithromycin**

CAS Number: 81103-11-9

Specifications & Purity: $\geq 98\%$

Lot #: J2309135

SKU #: **C129746****Analysis:** **275757**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.68800 %
Melting point	222-227 (°C)	226.53000 °C
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	-97--87 (°)	-96.23 °
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