

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-16 16:56:23
Date of Next Testing: 2027-12-06 16:56:23
Product Name: **Erythromycin**
CAS Number: 114-07-8
Specifications & Purity: Moligand™, potency: ≥850 µg per mg
Lot #: L2512033
SKU #: **E105345**
Version: **0**
Analysis #: **497152**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=2 in EtOH)(calcd.on anh.substance)	-78--71 (°)	-75.80°
Carbon by Elemental Analysis(anhydrous)	59.2-61.8 (%)	59.61%
Nitrogen by Elemental Analysis (anhydrous)	1.6-2.2 (%)	1.95%
Water by Karl Fischer	0-10 (%)	1.10%
potency (dry basis)	≥850 (µg/mg)	852.00 µg/mg
Purity(Nonaqueous Titration)(calcd.onanh.substance)	98-100 (%)	99.31%
Appearance (E105345)	White powder	White powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless to Yellow,Clear to Slightly Hazy,50mg/ml	pass	Pass



John Su
QA & QC Manager