

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2023-04-06 01:24:31
Date of Next Testing:	2025-03-26 01:24:31
Product Name:	<b>Erythromycin</b>
CAS Number:	114-07-8
Specifications & Purity:	Moligand™, potency: ≥850 µg per mg
Lot #:	D2301025
SKU #	<b>E105345</b>
Version	<b>0</b>
Analysis #:	<b>109540</b>
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>20</sub> /D(c=2 in EtOH)(calcd.on anh.substance)	-78--71 (°)	-74.00 °
Carbon by Elemental Analysis(anhydrous)	59.2-61.8 (%)	59.31 %
Nitrogen by Elemental Analysis (anhydrous)	1.6-2.2 (%)	1.73 %
Water by Karl Fischer	0-10 (%)	8.30 %
Purity(Nonaqueous Titration)(calcd.onanh.substance)	98-100 (%)	98.56 %
potency (dry basis)	≥850 (µg/mg)	942.00 µg/mg
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