

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-29 15:55:24

Date of Next Testing: 2026-01-28 15:55:24

Product Name: **Erythromycin**

CAS Number: 114-07-8

Specifications & Purity: Moligand™, BioReagent, for cell culture

Lot #: A2316105

SKU #: **E431517**

Version: **1**

Analysis #: **180845**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	8.30000 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})(\text{calcd. on anh. substance})$	-78~-71 (°)	-74.00200 °
Carbon by Elemental Analysis(anhydrous)	59.2-61.8 (%)	59.31000 %
Nitrogen by Elemental Analysis (anhydrous)	1.6-2.2 (%)	1.73000 %
potency (dry basis)	≥850 (μg/mg)	942.00000 μg/mg
Appearance(E431517)	White powder	White powder
Infrared 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