

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-15 18:33:59
 Date of Next Testing: 2029-08-14 18:33:59
 Product Name: **Erythromycin**
 CAS Number: 114-07-8
 Specifications & Purity: Moligand™, BioReagent, for cell culture
 Lot #: H2614006
 SKU #: **E431517**
 Version: **1**
 Analysis #: **759963**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-10 (%)	4.51380 %
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in EtOH})(\text{calcd. on anh. substance})$	-78--71 (°)	-77.35600 °
Carbon by Elemental Analysis(anhydrous)	59.2-61.8 (%)	61.08000 %
Nitrogen by Elemental Analysis (anhydrous)	1.6-2.2 (%)	1.94700 %
potency (dry basis)	≥850 (μg/mg)	920.00000 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