

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Erythromycin**
Specifications & Purity: Moligand™, potency: ≥850 µg per mg
SKU #: **E105345**

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