



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	BIO-177
Product	Erythromycin
Lot Number	001772-1430 Erythromycin A
CAS Number	114-07-8
Molecular Formula	C ₃₇ H ₆₇ NO ₁₃
Molecular Weight	733.98
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Appearance	White crystalline powder
Water Content (Karl Fisher)	4.3%
Optical Rotation	-77°
Residual Solvents	< 0.05% (Acetone) < 0.05% (n-Butyl acetate)
Related Substances	Erythromycin A enol ether: < 3.0%, Erythromycin B: < 12.0%, Erythromycin C: < 5.0%, Any individual impurity: < 3.0%
Residue On Ignition	0.02%
Assay	96.5% (Dry basis)
Grade	USP
Storage	Store at 0-8 °C
Additional Information	Limit of thiocyanate: 0.2%

Prepared by:
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