

PRODUCT SPECIFICATION



Cat. No. E-3250
Product Erythromycin, Antibiotic for Culture Media Use Only

CAS RN [114-07-8]

M. F. C₃₇H₆₇NO₁₃

M. W. 733.93 g/mol

<i>Test</i>	<i>Specification</i>
Color	white to slightly yellow
Form	crystalline powder
Water Content (K. Fischer)	max. 6.5 %
Specific Optical Rotation [alpha]_D (c = 2 in ethanol, after 30 min)	-78.0 to -71.0
Purity (HPLC)	min. 93.0 area-%
Impurity (thiocyanate, UV)	max. 0.3 %
FT-IR Spectrum	corresponds to reference spectrum
¹H-NMR Spectrum	corresponds to assigned structure
¹³C-NMR Spectrum	corresponds to assigned structure
Recommended Retest Period:	720 days

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