

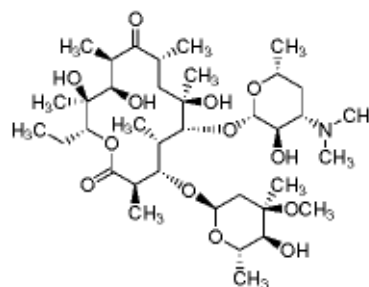
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
Erythromycin – meets USP testing specifications

Product Number: **E0774**
 CAS Number: 114-07-8
 MDL: MFCD00084654
 Formula: C₃₇H₆₇NO₁₃
 Formula Weight: 733.93 g/mol



TEST	Specification
Identity	Pass
Related Substances	Pass
Erythromycin A enol ether < or =	3.0%
Related Substances	≤ 12.0 %
Erythromycin B	
Related Substances	≤ 5.0 %
Erythromycin C	
Crystallinity	Pass
Specific Rotation	-78 - -71 °
Water Content	≤ 10.0 %
By Karl Fisher	
Residue on ignition (Ash)	≤ 0.2 %
Limit of Thiocyanate	≤ 0.3 %
Assay	85.0 - 100.5 %
Anhydrous (Total of Erythromycin A, B and C)	
Residual Solvents	Meets Requirements

Specification: PRD.0.ZQ5.10000019534

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.