



MP Biomedicals, LLC

29525 Fountain Parkway
Solon, Ohio 44139

Telephone: 440/337-1200
Toll Free: 800/854-0530

Fax: 440/337-1180
web: www.mpbio.com


Certificate of Analysis

Product Description: Erythromycin_
Catalog Number: 190197_
Lot: 3601B_

Formula: C₃₇H₆₇NO₁₃
CAS #: 114-07-8
Physical Description: White Powder

Formula Weight: 733.95
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	~ 98%	98%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	130-140°C	139.1-140.5°C
Potency	≥ 850 mcg/mg	925 mcg/mg
Optical Rotation (C=2, ethanol)	-71 to -78	-76
pH (0.7 mg/ml H ₂ O)	8.0-10.5	10.2
Moisture	≤ 10%	4.79%


Approved - 01/25/99 by Joe Dietz
MP Biomedicals, LLC.
Technical Director

This is an electronically generated document
<mailto:biotech@mpbio.com>
<http://www.mpbio.com>

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site
Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)