



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: Tetracycline Free Base_
Catalog Number: 103012_
Lot: 3818H_

Formula: C₂₂H₂₄N₂O₈
CAS #: 60-54-8
Physical Description: yellow powder

Formula Weight: 444.4
Storage: -0°C, protect from light, store under nitrogen

Test	Specification	Result
Identity Test	Passes	Passes
Potency	≥900 µg/mg	996 ug/mg
FTIR	Conforms to Standard	Passes
UV/VIS: □ max (0.1N HCl)	217-220, 268-271, 355-356nm	217,269, 356 nm
Optical Rotation (c=1, methanol)	-218.0 to 228.0°	-218°


06/08/2004 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

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<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)