



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: Doxycycline Hydrochloride_
Catalog Number: 195044_
Lot: 3609J_

Formula: C₂₂H₂₄N₂O₈·HCl
CAS #: 10592-13-9
Physical Description: Yellow Powder

Formula Weight: 480.9
Storage: +4°C, desiccate, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Standard	Conforms to Standard

pH 5.6
Water 4.1%
Any impurity eluting before Methacycline : Not detected
Methacycline: 0.1%
6-Epidoxycycline: 1.5%
Any impurity eluting after the main peak: 0.46%
Assay: 930 µg/mg
Methanol: Not detected
Ethanol: 1183 ppm

09/28/2006 - Robert Beattie
MP Biomedicals, LLC.
Technical Director

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<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)