



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: Ciprofloxacin Hydrochloride
Catalog Number: 199020
Lot: M2366A

Formula: C₁₇H₁₈FN₃O₃·HCl
CAS #: 86393-32-0
Physical Description: Off-white Powder

Formula Weight: 367.8
Storage: +4°C

pH: 3.7
Water: 5.5%
Residue on Ignition: 0.02%
Heavy Metals: <20 ppm
Sulfate: <0.04%
Fluoroquinolonic Acid: #0.2%
Related Compounds:
-- Ciprofloxacin Ethylenediamine Analog: 0.03%
-- Any Other Individual Impurity: 0.03%
-- Total Impurities: 0.12%
Assay: 101.0%
Expiration Date: 8/31/2014

Christina Marotta

09/08/2011 - Christina Marotta

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)