



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Ciprofloxacin Hydrochloride
Catalog Number: 199020
Lot: R19858

Formula: C₁₇H₁₈FN₃O₃·HCl

CAS #: 86393-32-0

Physical Description: White Powder

Formula Weight: 367.8

Storage: +4°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to Reference
Melting Point	313 - 322°C	318 - 319.6°C

Other Tests:

Purity	99.4%
pH	3.8
Water (KF)	5.3%
Residue on Ignition	0.1%
Fluoroquinolonic Acid	≤0.2%
Sulfate	≤0.04%
Ciprofloxacin Ethylenediamine Analog	≤0.2%
Any Other Individual Impurity	≤0.2%
Total Impurities	≤0.5%


04/15/2005 - Joseph Dietz, Ph.D.
MP Biomedicals, LLC.
Technical Director

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mailto:biotech@mpbio.com
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Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)