



MP Biomedicals, LLC

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Certificate of Analysis


Product Description: Ciprofloxacin Hydrochloride
Catalog Number: 199020
Lot: QR13145

Formula: C₁₇H₁₈FN₃O₃·HCl·xH₂O
CAS #: 86393-32-0
Physical Description: Off-White Powder

Formula Weight: 367.8 (anhyd.)
Storage: 2 - 8°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to Standard
Melting Point	313 - 322°C	314°C (decompose)
Expiration Date	Month/Day/Year	12/06/2018

pH (1 in 40): 3.8
Water (KF): 6.3%
Residue on Ignition: 0.04%
Sulfate: #0.04%
Heavy Metals: #0.002%
Fluoroquinolonic Acid: #0.2%
Residue of Solvents:
-- Ethanol: 87 ppm
-- 3-Methyl-1-butanol: Not Detected
Chromatographic Purity:
-- Ciprofloxacin ethylenediamine analog: 0.05%
-- Any other individual impurity: 0.05%
-- Sum of all impurity peaks: 0.18%
Assay: 100.2%


12/23/2016 - John Huang, PhD

MP Biomedicals, LLC.
Quality Control Manager

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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)