



**MP Biomedicals, LLC**

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## Certificate of Analysis

**Product Description:** Ciprofloxacin Hydrochloride\_  
**Catalog Number:** 199020\_  
**Lot:** S3554\_

**Formula:** C<sub>17</sub>H<sub>18</sub>FN<sub>3</sub>O<sub>3</sub>·HCl·xH<sub>2</sub>O

**CAS #:** 86393-32-0

**Physical Description:** White to Pale Yellow Powder

**Formula Weight:** 367.8 (anhyd.)

**Storage:** 2 - 8°C

Test	Specification	Result
Identity Test	Passes	Passes
FTIR	Conforms to Reference	Conforms to Reference
Melting Point	313 - 322°C	313.2°C
Expiration Date	Month/Day/Year	02/05/2022

02/10/2020 - John Huang, PhD

MP Biomedicals, LLC.

Quality Control Manager

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