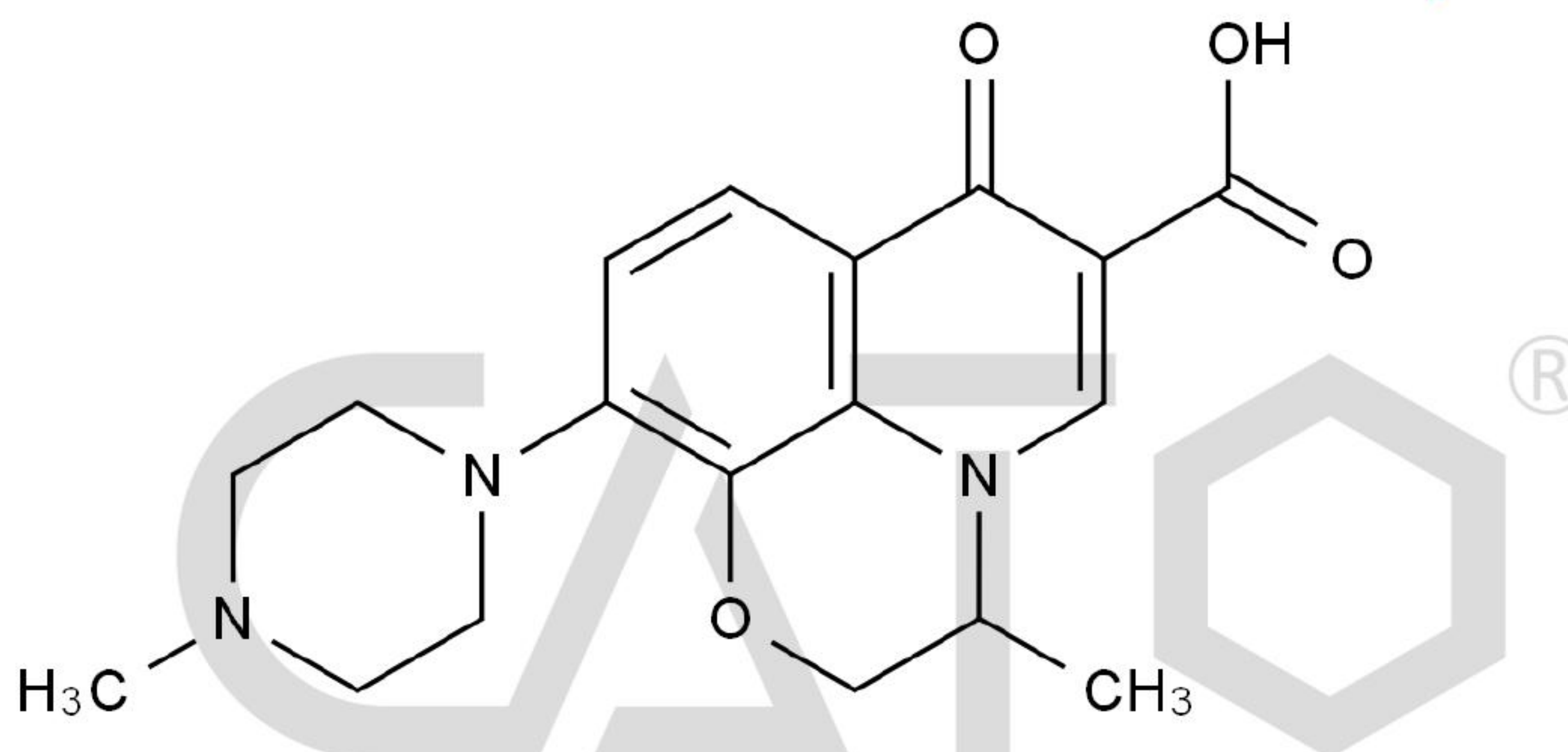


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                               |                   |                                                                                     |
|--------------------|---------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | Ofloxacin EP Impurity C                                       | Catalogue Number: | C4X-17173                                                                           |
| Synonyms:          | N/A                                                           | Lot Number:       | 0418-RG-0027                                                                        |
| CAS Number:        | 95848-94-5                                                    | Expiry Date:      | Apr 21, 2028                                                                        |
| Molecular Formula: | C <sub>18</sub> H <sub>21</sub> N <sub>3</sub> O <sub>4</sub> | Storage:          | -20°C±5°C Protected from light and Sealed                                           |
| Molecular Weight:  | 343.38                                                        | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results            |
|----------------|-------------------|--------------------|
| Appearance     | Visual inspection | Light Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed          |
| Purity         | HPLC              | 95.919%            |
| Loss On Drying | TGA               | 0.3965%            |
| Assay          |                   | 95.5%              |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) \* Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Apr 22, 2025

Date: Apr 22, 2025

Date: Apr 22, 2025

