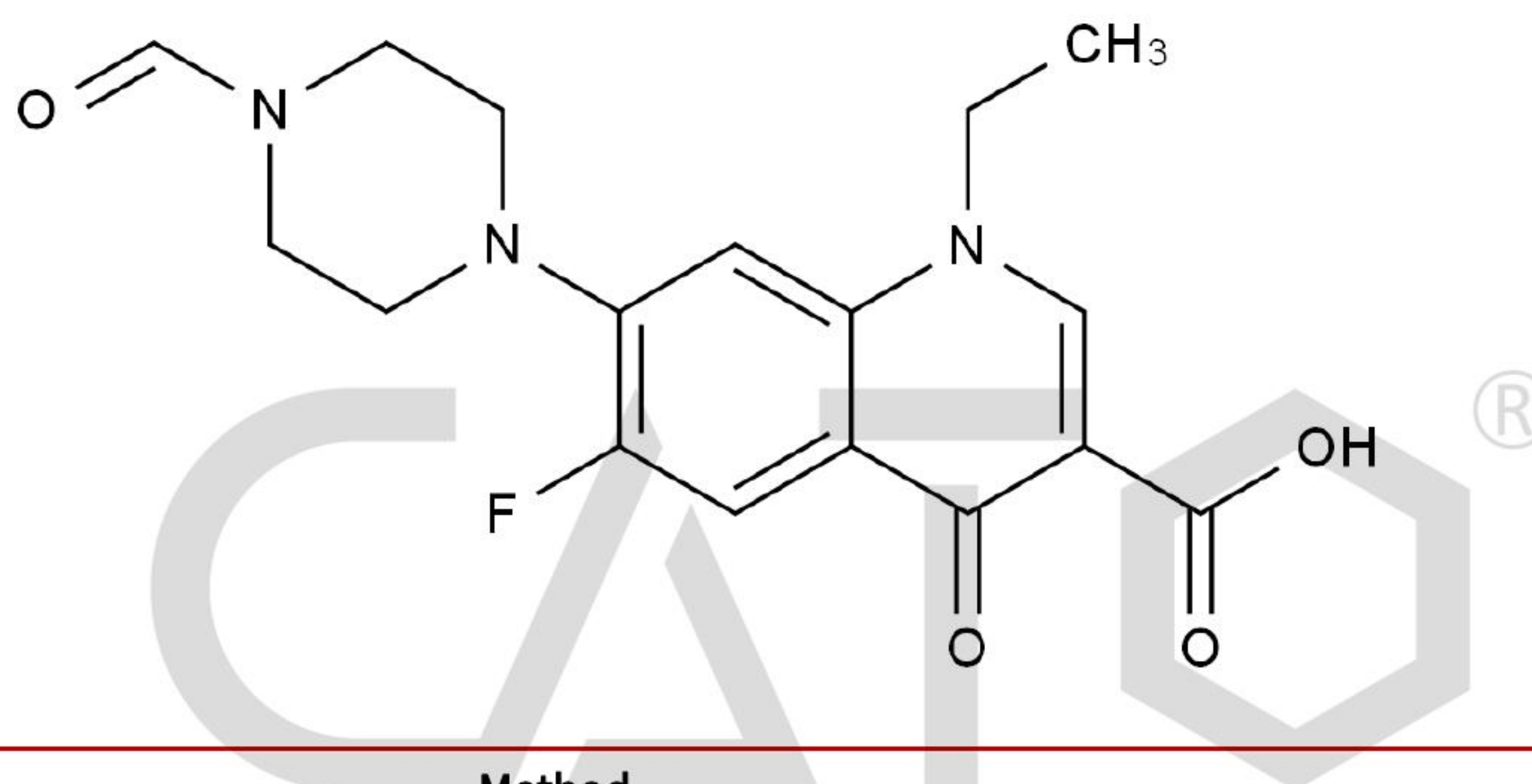


Certificate of Analysis

Reference Material & Standard

Product Name:	Norfloxacin EP Impurity G	Catalogue Number:	C4X-14687
Synonyms:	N/A	Lot Number:	0620-RF-0049
CAS Number:	70459-04-0	Expiry Date:	Jun 19, 2027
Molecular Formula:	C ₁₇ H ₁₈ FN ₃ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	347.34		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.397%
Residue on Ignition	TGA	0.5215%
Loss On Drying	TGA	0.0473%
Assay		97.8%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 24, 2024

Date: Jun 24, 2024

Date: Jun 24, 2024

