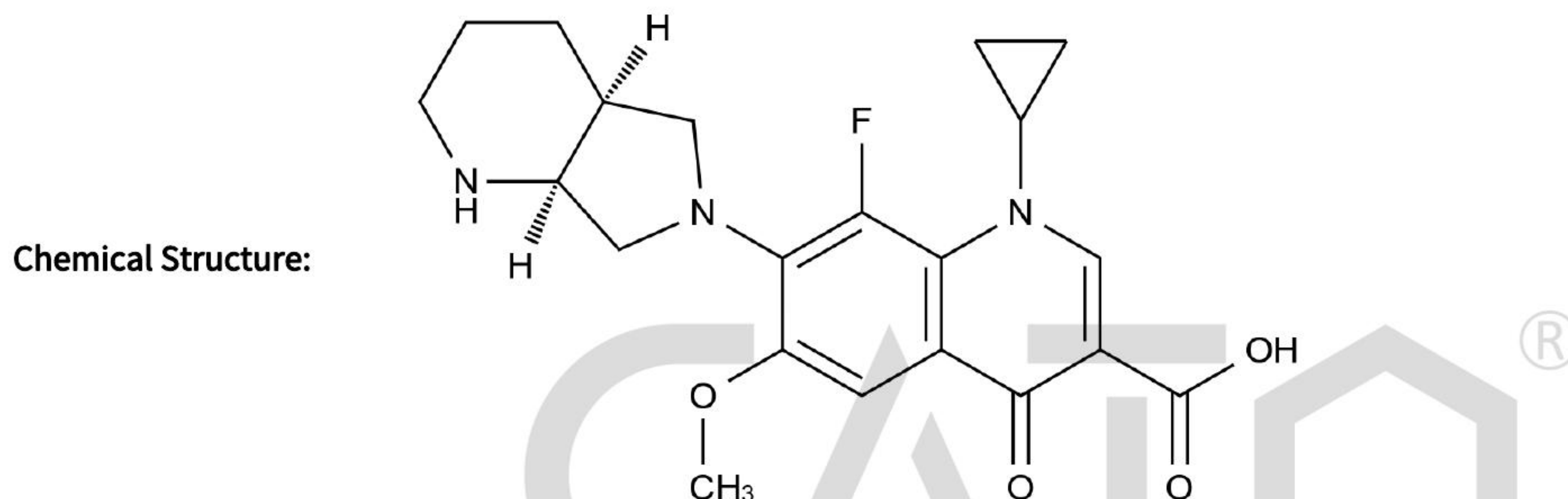


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin EP Impurity D	Catalogue Number:	C4X-107482
Synonyms:	N/A	Lot Number:	1017-RF-0063
CAS Number:	1029364-77-9	Expiry Date:	Oct 13, 2027
Molecular Formula:	C ₂₁ H ₂₄ FN ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	401.43		



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.144%
Residue on Ignition	TGA	0.3395%
Loss On Drying	TGA	5.7180%
Assay		93.1%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * 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: Oct 18, 2024

Date: Oct 19, 2024

Date: Oct 19, 2024

