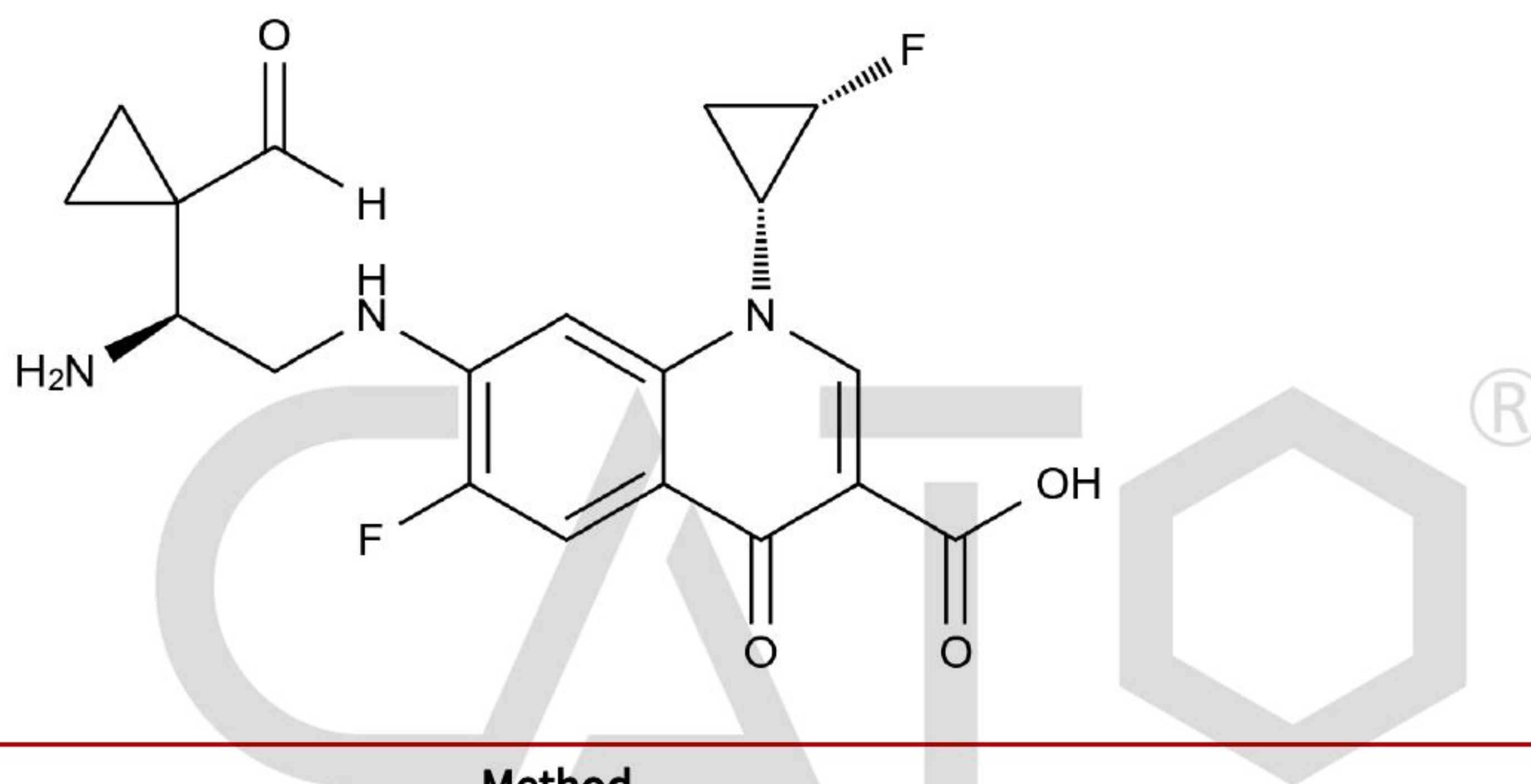


Certificate of Analysis

Reference Material & Standard

Product Name:	Sitafloxacin Impurity 69	Catalogue Number:	C4X-115569
Synonyms:	N/A	Lot Number:	0606-RG-0028
CAS Number:	N/A	Expiry Date:	Jun 09, 2026
Molecular Formula:	C ₁₉ H ₁₉ F ₂ N ₃ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	391.37		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	83.549%
Loss On Drying	TGA	3.0995%
Assay		81.0%

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: Jun 23, 2025

Date: Jun 23, 2025

Date: Jun 23, 2025

