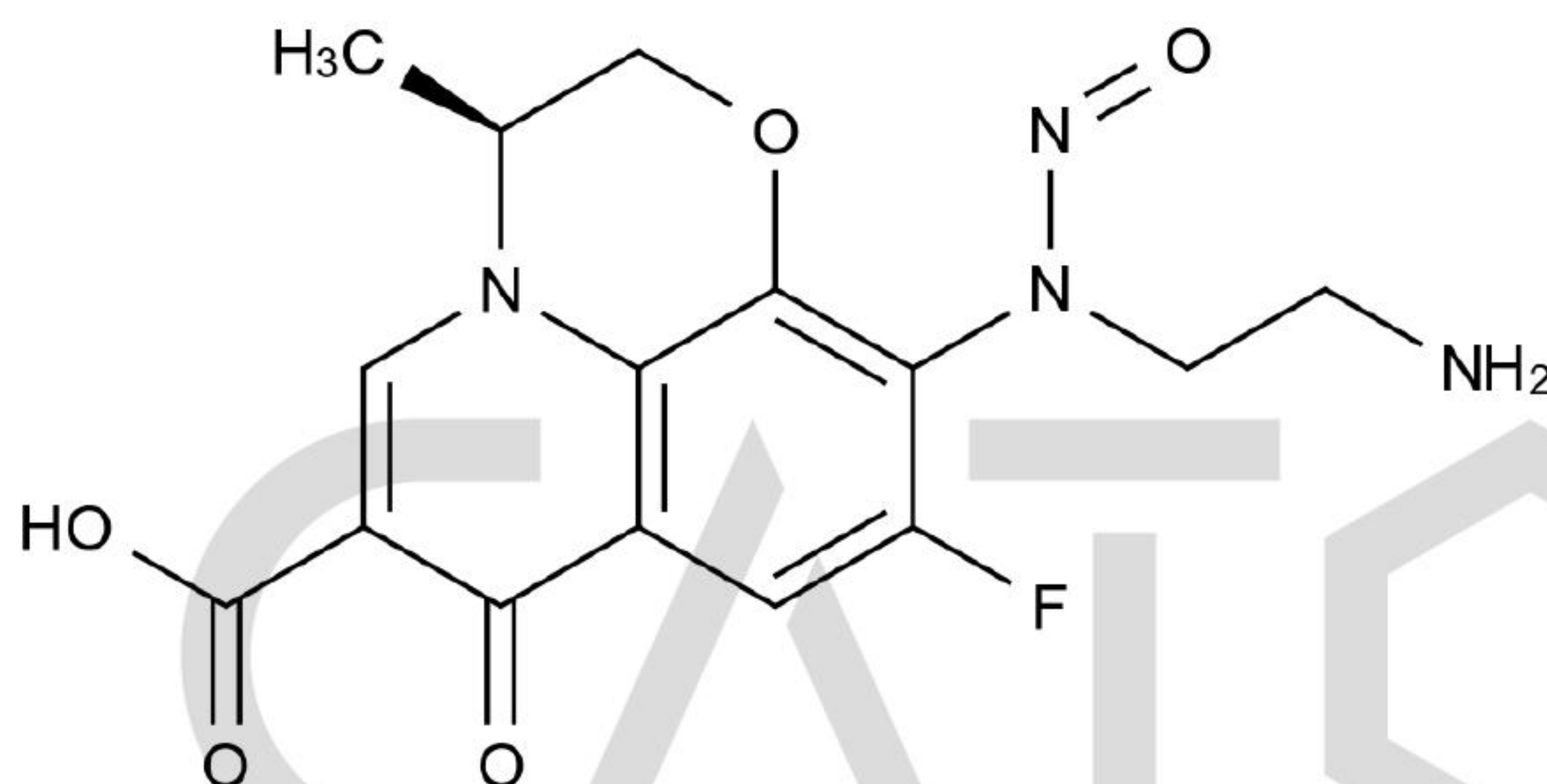


Certificate of Analysis

Reference Material & Standard

Product Name:	Levofloxacin Impurity 60	Catalogue Number:	C4X-137160
Synonyms:	N/A	Lot Number:	1222-RG-0069
CAS Number:	N/A	Expiry Date:	Oct 29, 2029
Molecular Formula:	C ₁₅ H ₁₅ FN ₄ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	350.30	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.419%
Water Content	Karl Fischer	2.74%
Residual Solvents	NMR	2.09% methanol
Assay		93.7%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 25, 2025

Date: Dec 25, 2025

Date: Dec 25, 2025



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