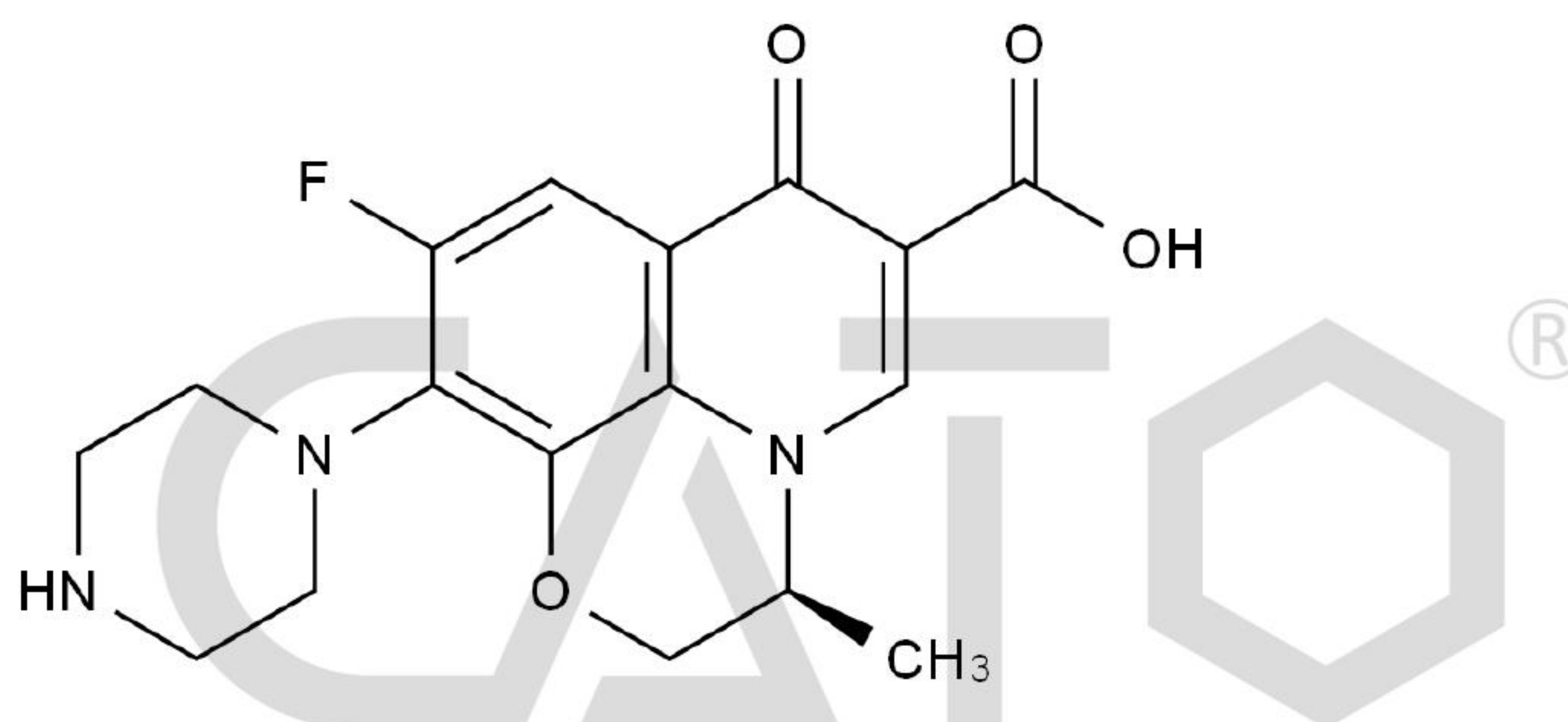


Certificate of Analysis

Reference Material & Standard

Product Name:	Levofloxacin EP Impurity B	Catalogue Number:	C4X-137133
Synonyms:	N/A	Lot Number:	0627-RF-0087
CAS Number:	117707-40-1	Expiry Date:	Jul 12, 2030
Molecular Formula:	C ₁₇ H ₁₈ FN ₃ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	347.34	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Light Yellow Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.264%
Residue on Ignition	TGA	4.4549%
Loss on Drying	TGA	3.8075%
Assay		90.1%

Comment:

The calculation of the mass balance 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: Jul 13, 2026

Date: Jul 13, 2026

Date: Jul 13, 2026



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