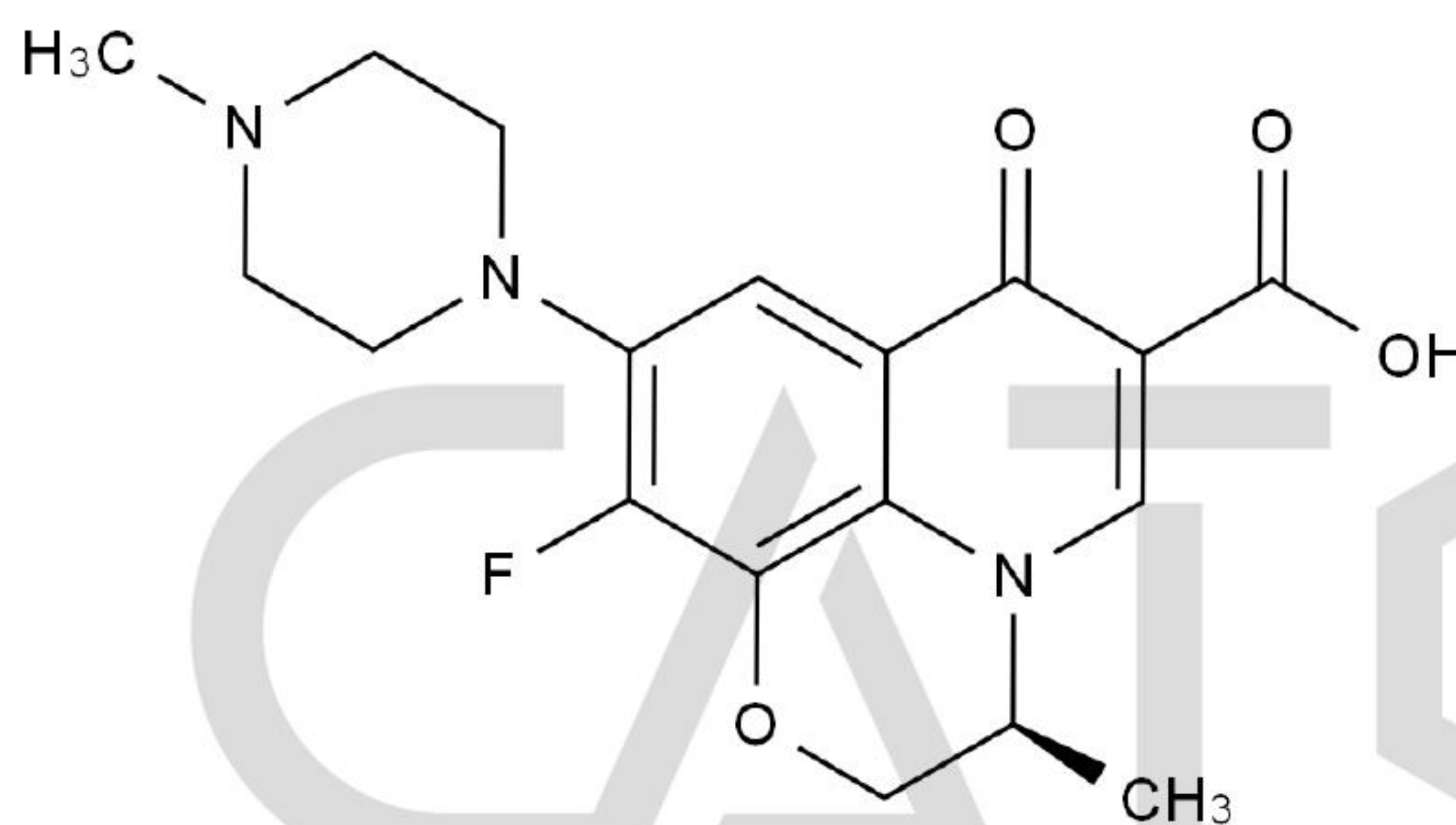


Certificate of Analysis

Reference Material & Standard

Product Name:	Levofloxacin EP Impurity I	Catalogue Number:	C4X-137111
Synonyms:	Levofloxacin EP Impurity I	Lot Number:	0811-RG-0110
CAS Number:	178912-62-4	Expiry Date:	Aug 12, 2029
Molecular Formula:	C ₁₈ H ₂₀ FN ₃ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	361.37	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.820%
Loss on Drying	TGA	0.2027%
Assay		97.6%

Comment:

The calculation of the mass balance 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: Aug 13, 2025

Date: Aug 13, 2025

Date: Aug 13, 2025



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