

Certificate of Analysis

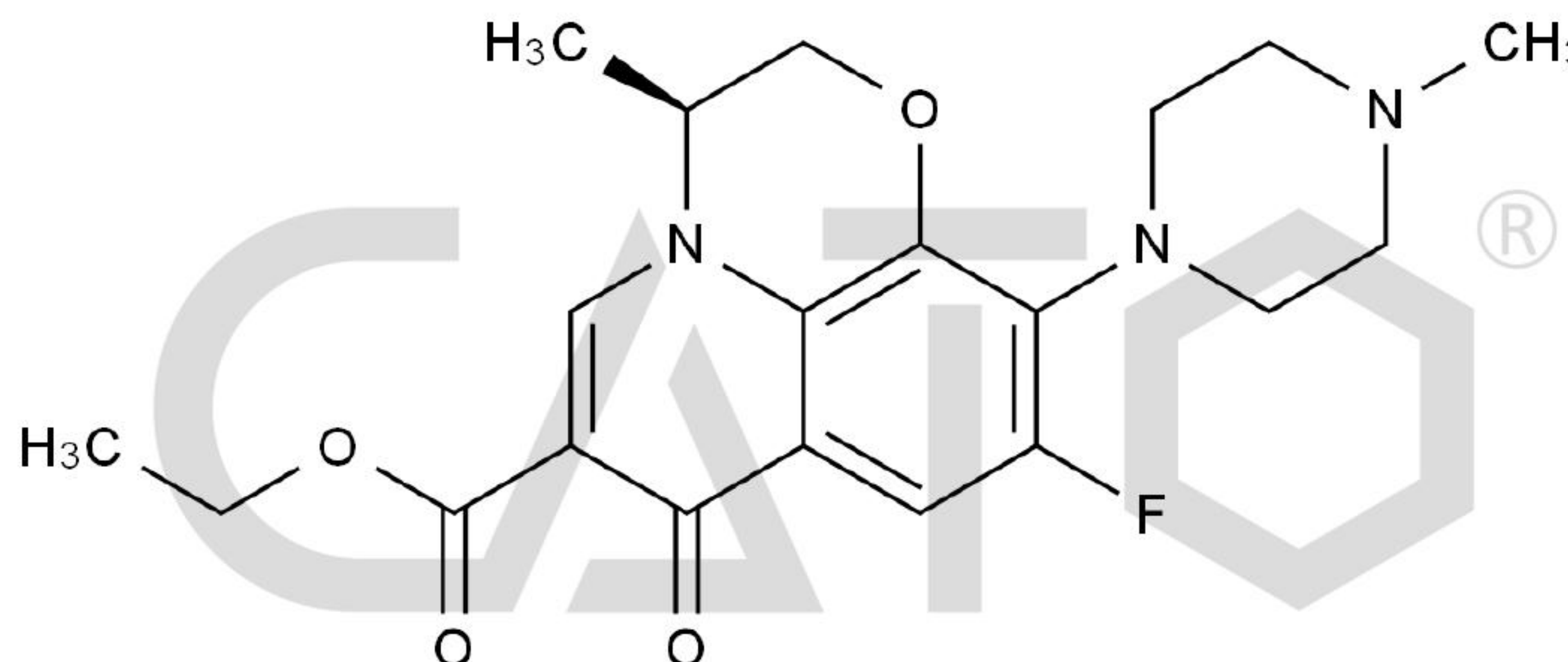
Reference Material & Standard

Product Name:	Levofloxacin Hemihydrate EP Impurity H	Catalogue Number:	C4X-137110
Synonyms:	N/A	Lot Number:	0310-RG-0053
CAS Number:	177472-30-9	Expiry Date:	Mar 09, 2028
Molecular Formula:	C ₂₀ H ₂₄ FN ₃ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	389.42	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.384%
Residue on Ignition	TGA	0.3981%
Loss on Drying	TGA	0.0077%
Assay		95.0%

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: Mar 11, 2025

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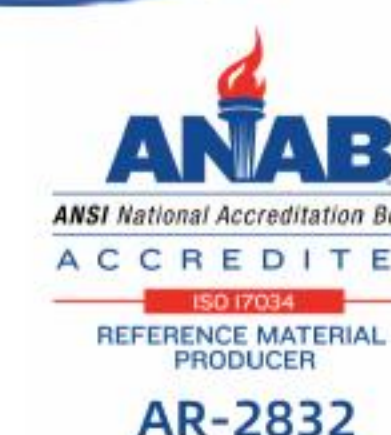
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