

Certificate of Analysis

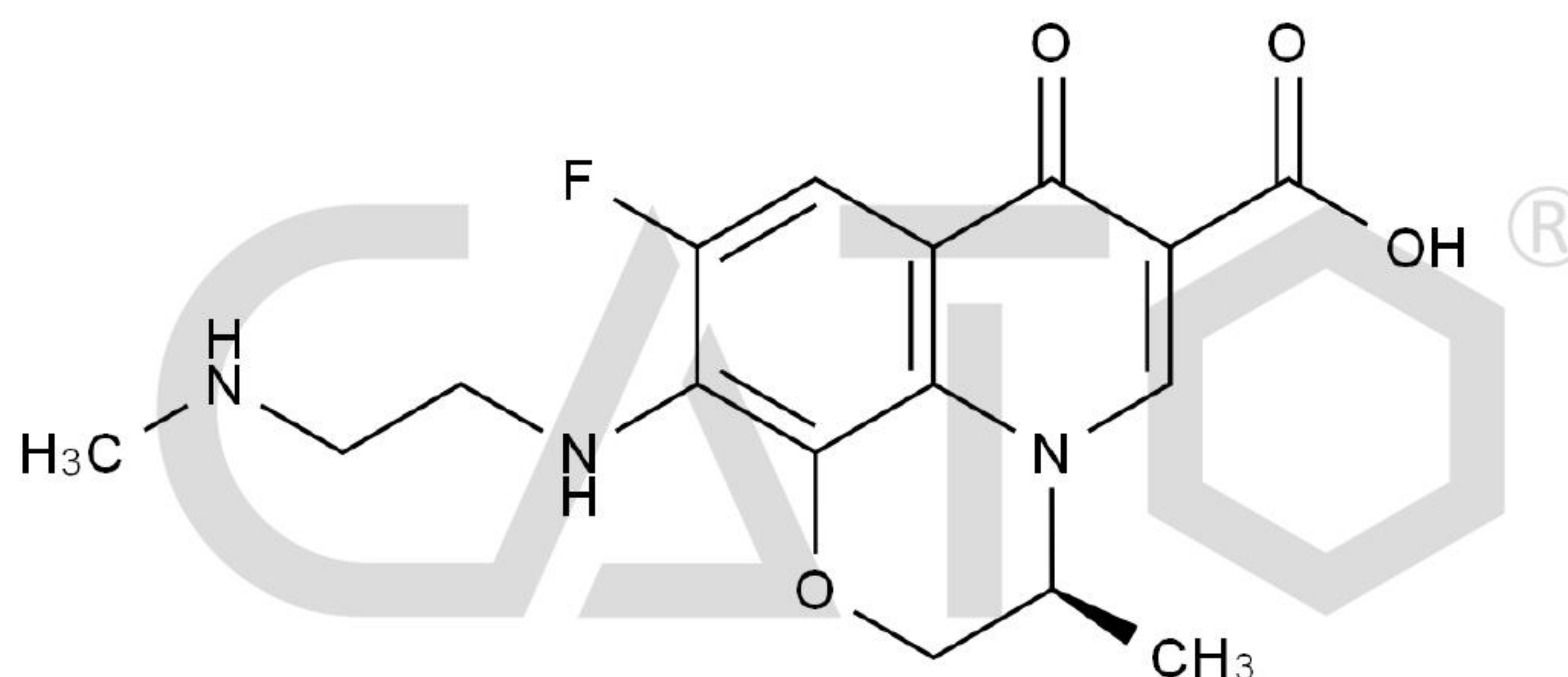
Reference Material & Standard

Product Name:	Levofloxacin EP Impurity G(Levofloxacin USP Related Compound E)	Catalogue Number:	C4X-137123
Synonyms:	N/A	Lot Number:	0826-RH-0003
CAS Number:	151250-76-9	Expiry Date:	Aug 24, 2030
Molecular Formula:	C ₁₆ H ₁₈ FN ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	335.33	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.042%
Residue on Ignition	TGA	1.0611%
Loss on Drying	TGA	4.9192%
Assay		93.1%

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: Aug 31, 2026

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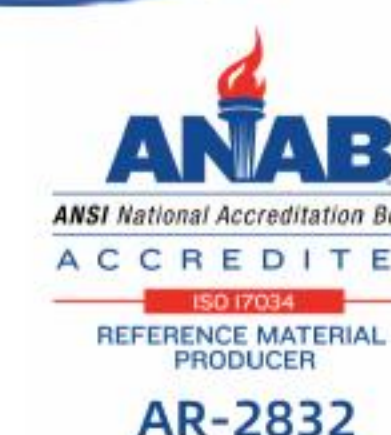
Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

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