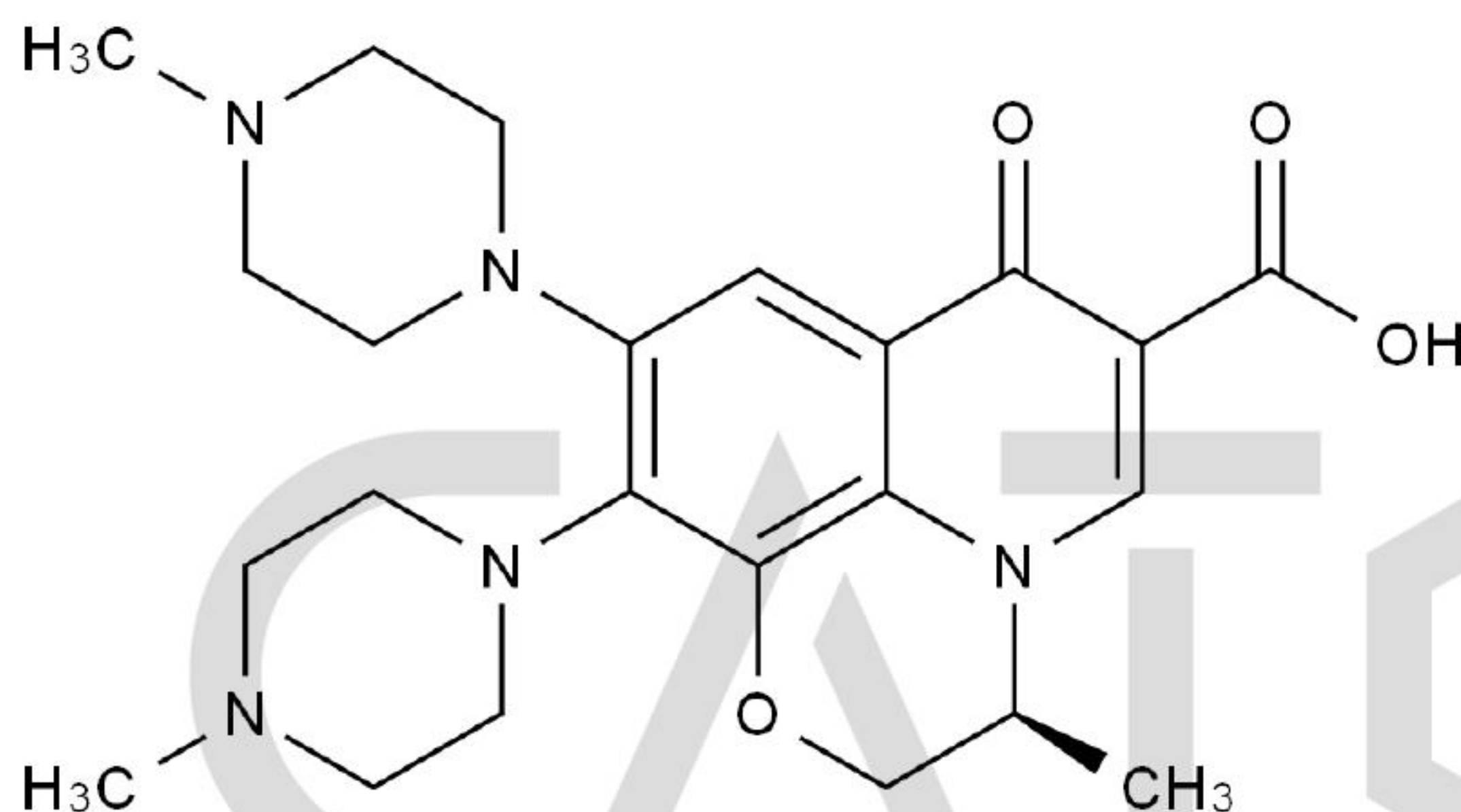


Certificate of Analysis

Reference Material & Standard

Product Name:	Levofloxacin Impurity 32	Catalogue Number:	C4X-137132
Synonyms:	N/A	Lot Number:	0615-RH-0045
CAS Number:	1329833-82-0	Expiry Date:	Jun 14, 2030
Molecular Formula:	C ₂₃ H ₃₁ N ₅ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	441.52	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.339%
Residue on Ignition	TGA	1.8852%
Loss on Drying	TGA	3.4689%
Assay		90.2%

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: Jun 16, 2026

Date: Jun 16, 2026

Date: Jun 16, 2026



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