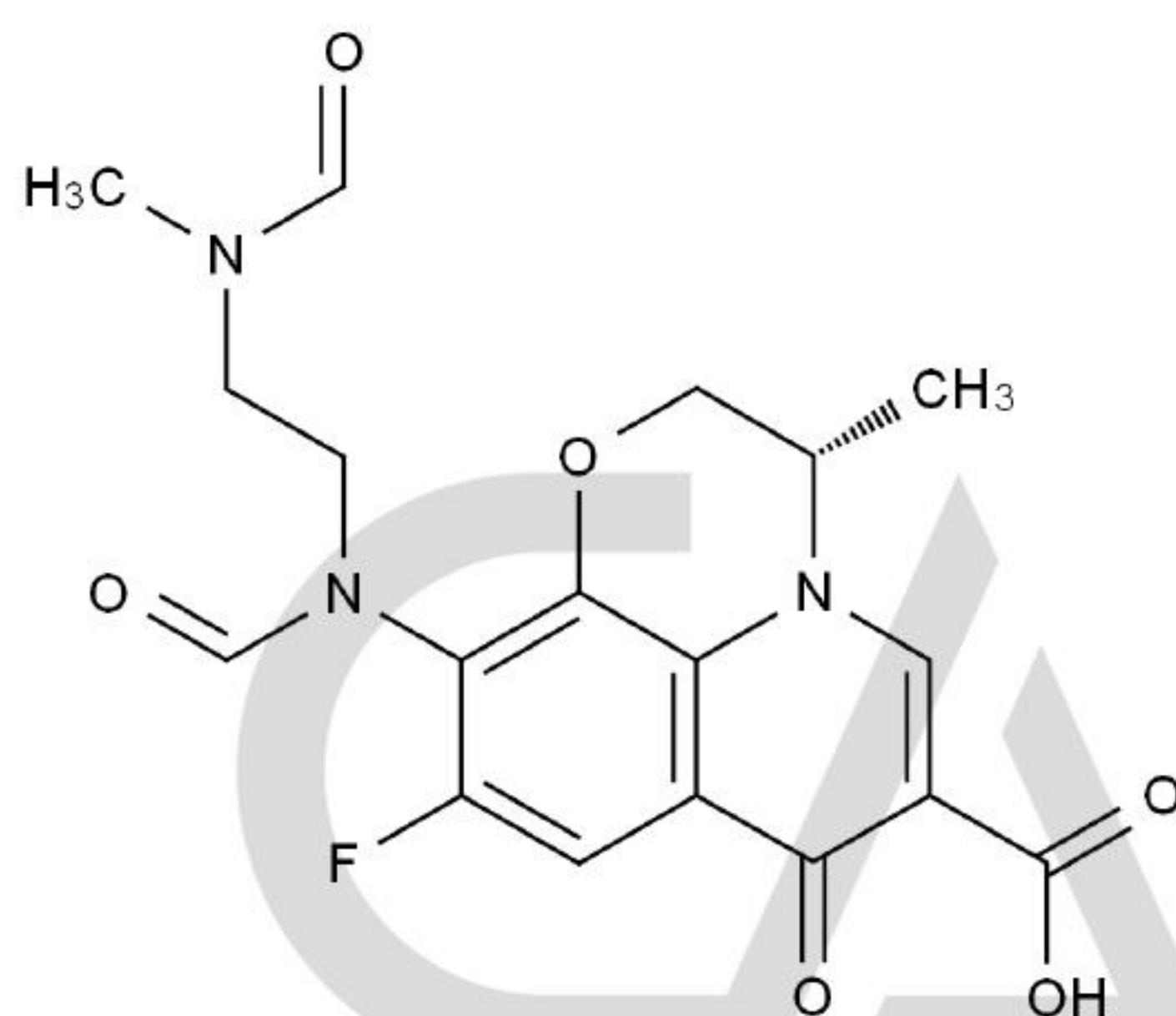


Certificate of Analysis

Reference Material & Standard

Product Name:	Levofloxacin Desethylene Diformyl Impurity	Catalogue Number:	C4X-13711
Synonyms:	N/A	Lot Number:	0913-RD-0073
CAS Number:	151377-74-1	Expiry Date:	Aug 11, 2030
Molecular Formula:	C ₁₈ H ₁₈ FN ₃ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	391.35	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	1.0769%
Assay		98.9%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss on Drying is 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 12, 2026

Date: Aug 13, 2026

Date: Aug 13, 2026



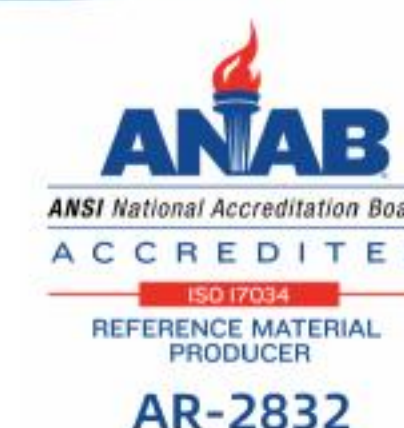
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