

Certificate of Analysis

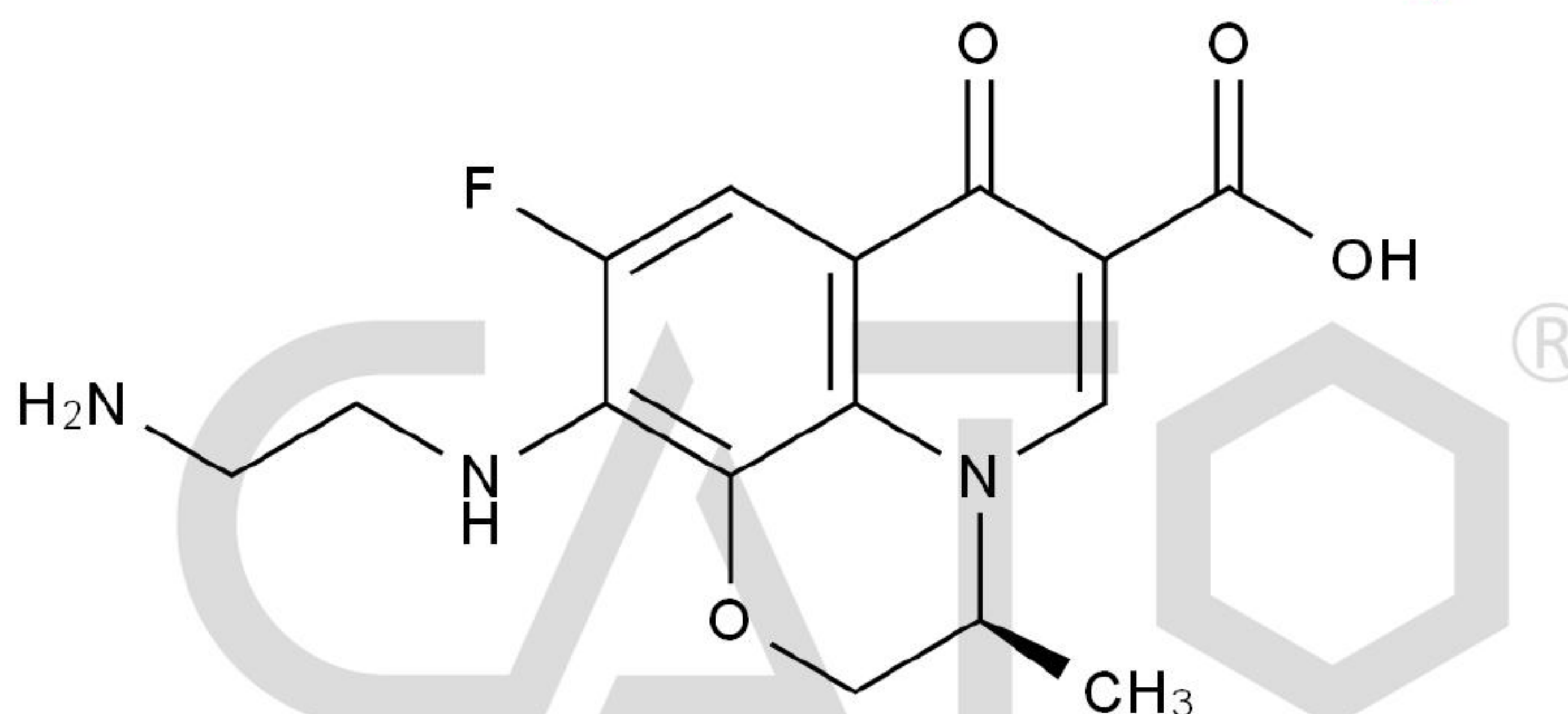
Reference Material & Standard

Product Name:	Levofloxacin Impurity 21	Catalogue Number:	C4X-137121
Synonyms:	N/A	Lot Number:	0509-RH-0020
CAS Number:	1797510-34-9	Expiry Date:	Apr 22, 2028
Molecular Formula:	C ₁₅ H ₁₆ FN ₃ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	321.30	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.268%
Water Content	Karl Fischer	0.18%
Assay		99.1%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: May 11, 2026

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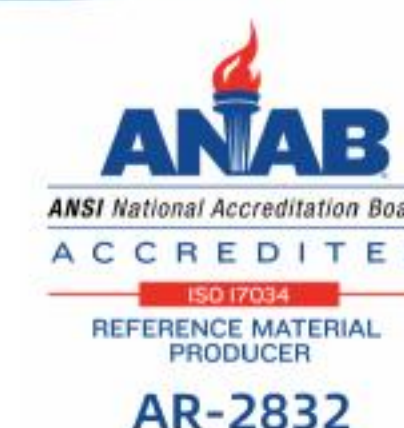
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