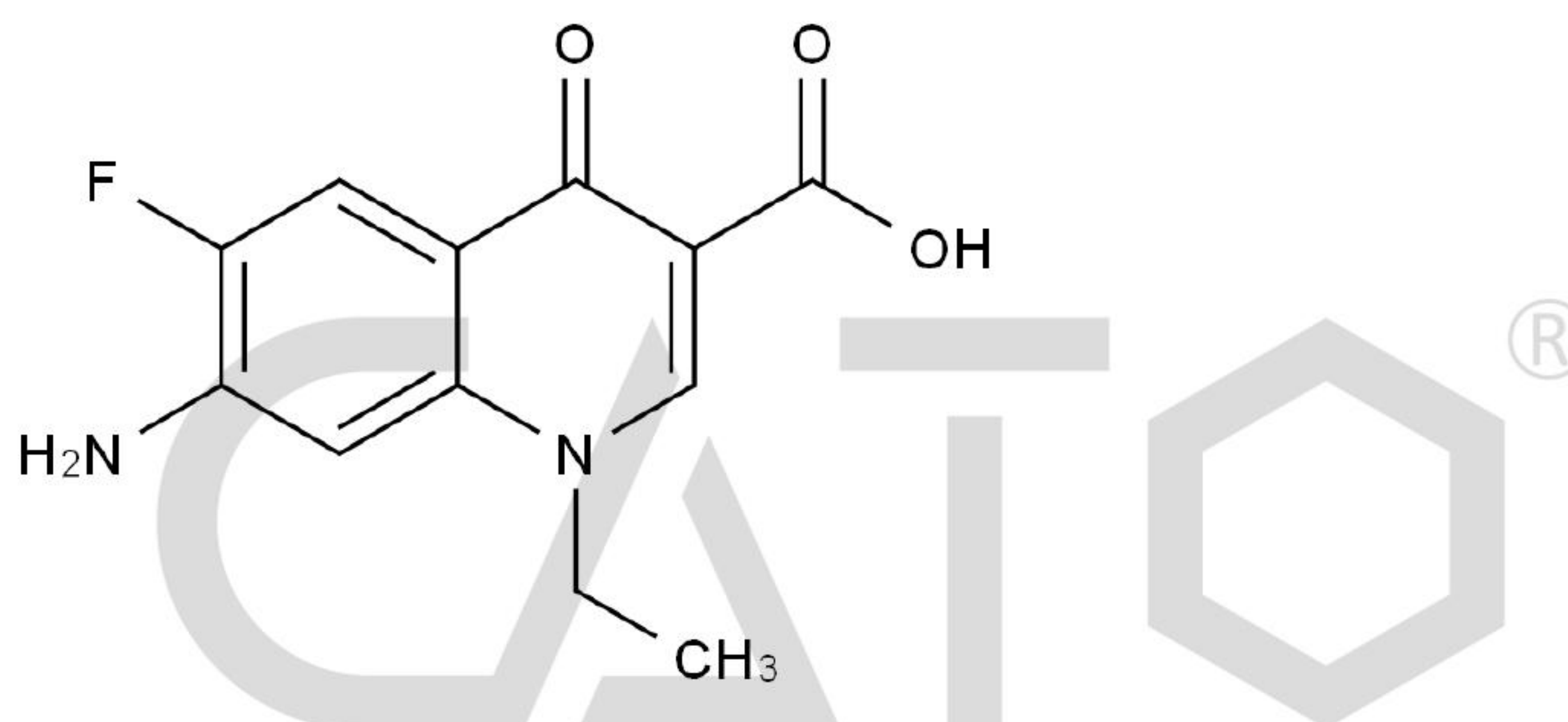


Certificate of Analysis

Reference Material & Standard

Product Name:	Norfloxacin Impurity 12	Catalogue Number:	C4X-146812
Synonyms:	N/A	Lot Number:	1217-RF-0071
CAS Number:	75001-63-7	Expiry Date:	Jun 01, 2030
Molecular Formula:	C ₁₂ H ₁₁ FN ₂ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	250.23	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Grey Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.68%
Loss on Drying	TGA	5.94%
Assay		92.8%

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:

Hin Lam

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 22, 2026

Date: Jun 22, 2026

Date: Jun 22, 2026



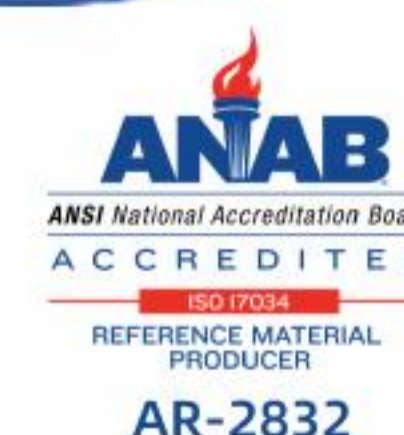
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