

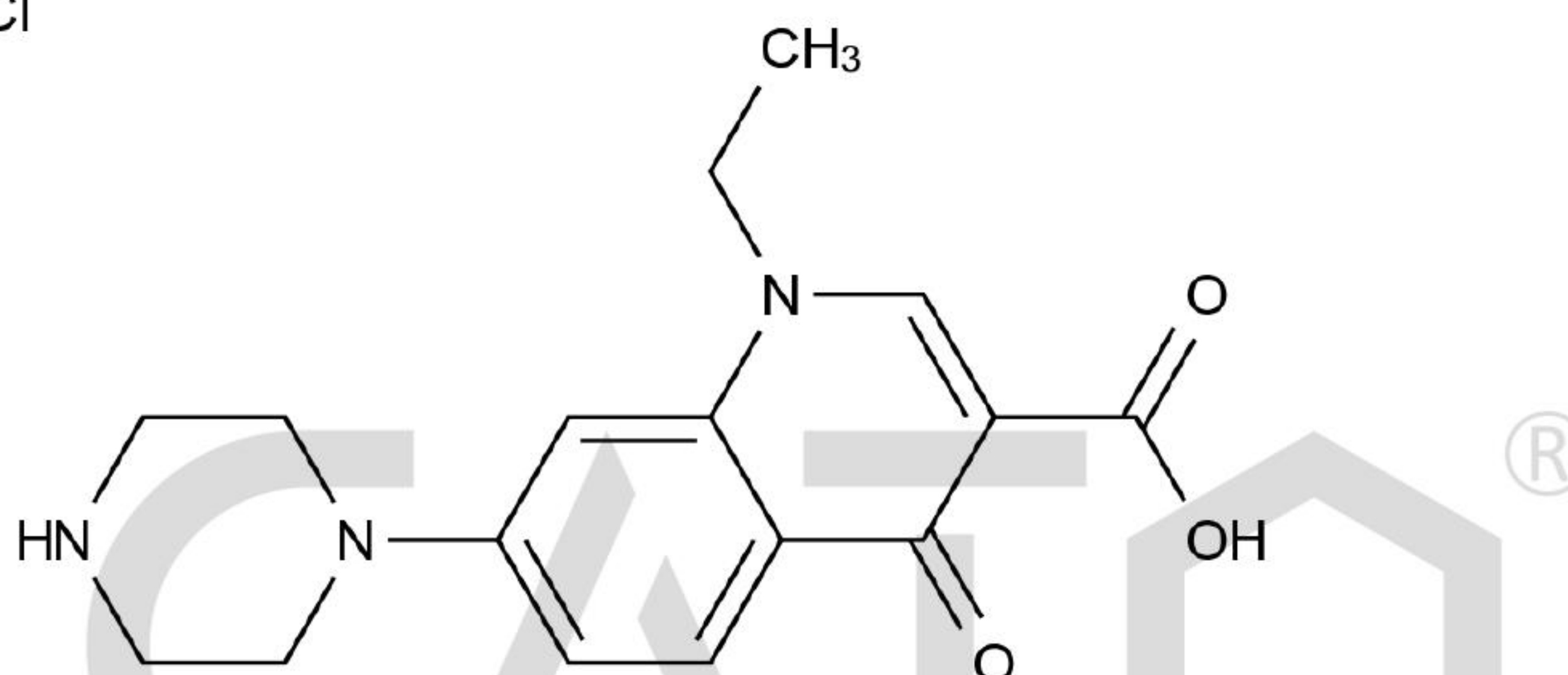
Certificate of Analysis

Reference Material & Standard

Product Name:	Norfloxacin Impurity 30 HCl	Catalogue Number:	C4X-146830
Synonyms:	N/A	Lot Number:	0110-RG-0042
CAS Number:	54132-24-0	Expiry Date:	Jan 15, 2028
Molecular Formula:	C ₁₆ H ₁₉ N ₃ O ₃ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	301.34 36.46		

HCl

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.901%
Loss On Drying	TGA	1.8025%
Assay		94.2%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 16, 2025

Date: Jan 16, 2025

Date: Jan 16, 2025

