

Certificate of Analysis

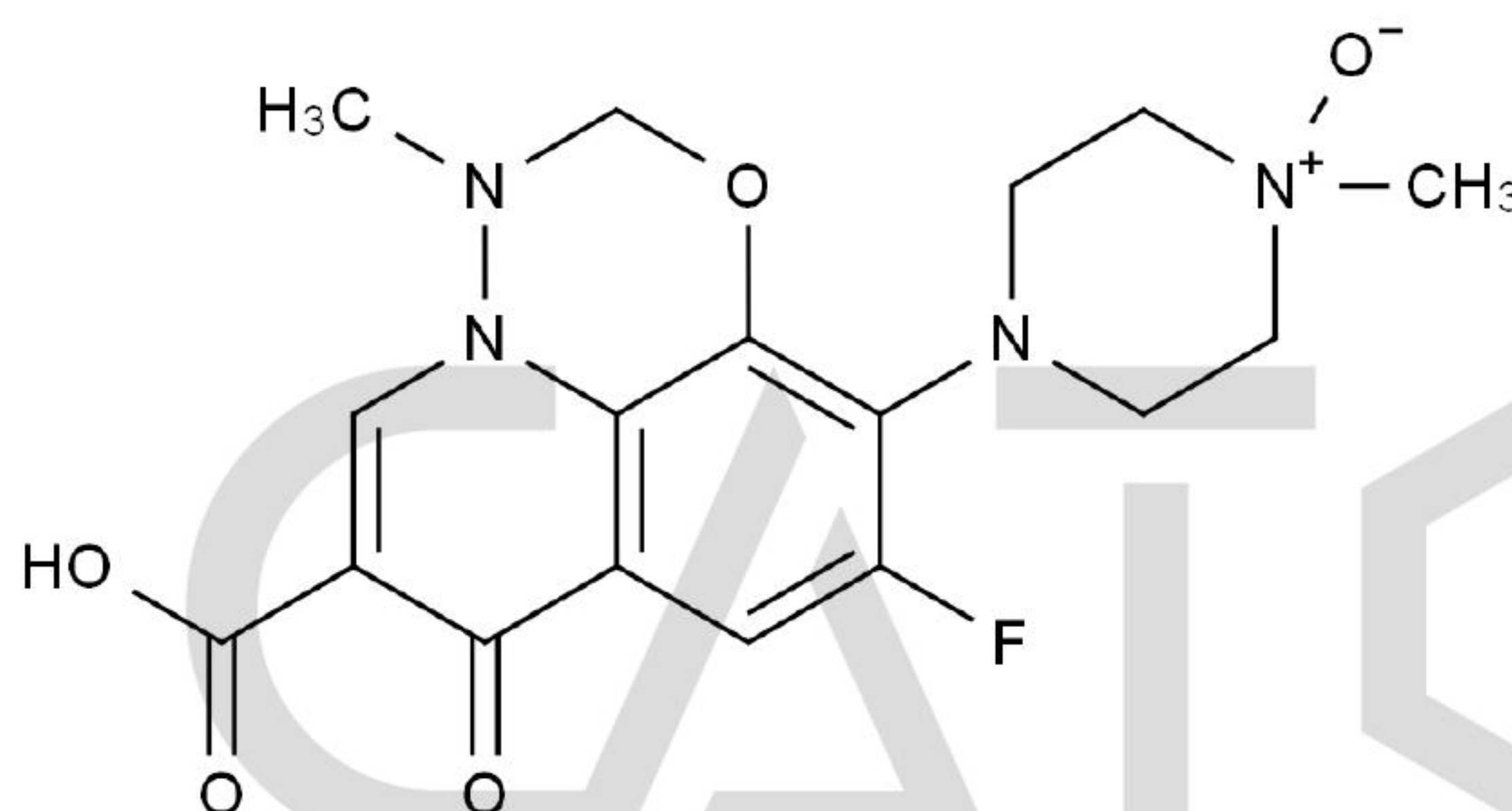
Reference Material & Standard

Product Name:	Marbofloxacin EP Impurity F	Catalogue Number:	C4X-18006
Synonyms:	N/A	Lot Number:	0521-RH-0032
CAS Number:	194023-72-8	Expiry Date:	May 25, 2030
Molecular Formula:	C ₁₇ H ₁₉ FN ₄ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	378.35	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.484%
Loss on Drying	TGA	4.3638%
Assay		95.1%

Comment:

The calculation of the mass balance 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: May 26, 2026

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