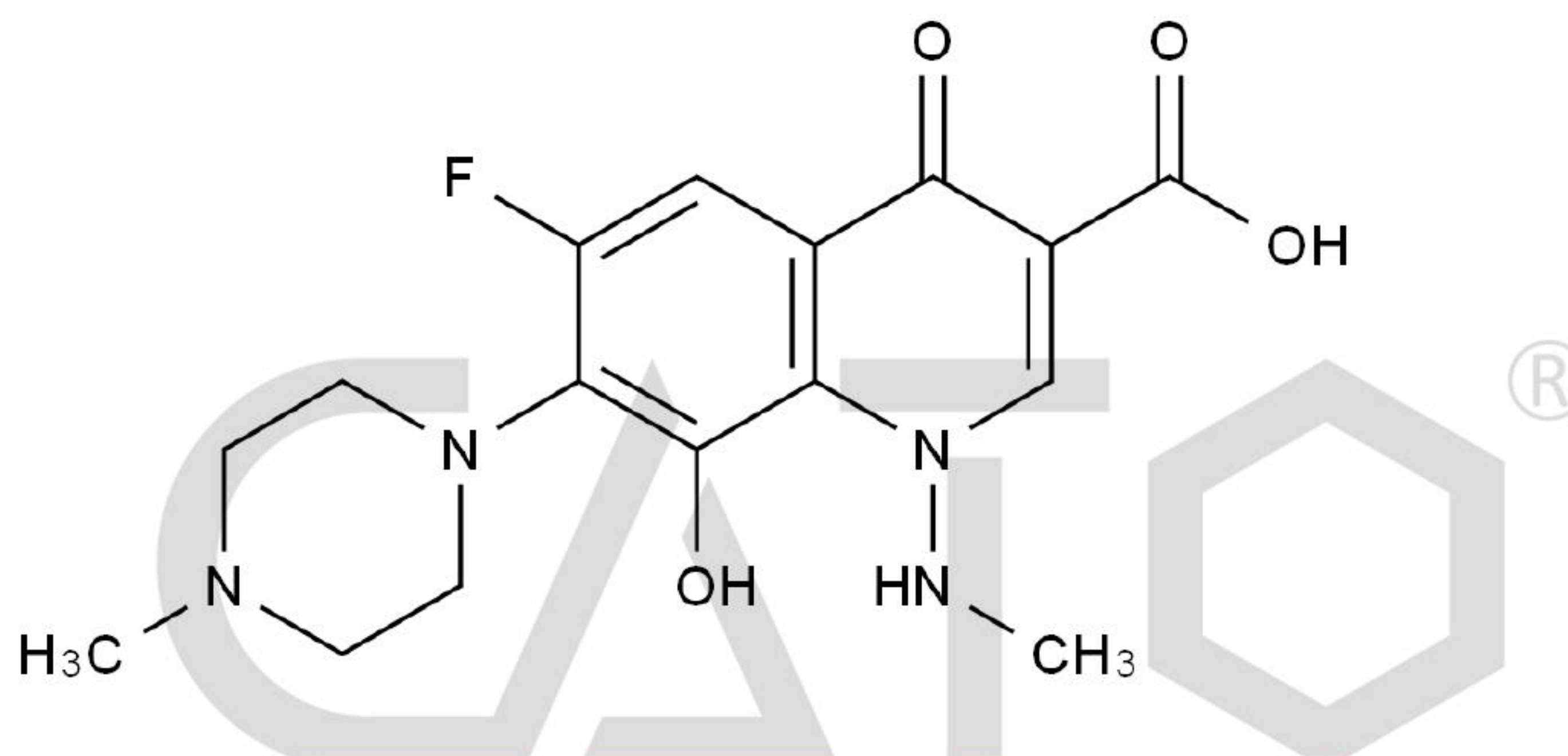


Certificate of Analysis

Reference Material & Standard

Product Name:	Marbofloxacin EP Impurity D	Catalogue Number:	C4X-18004
Synonyms:	N/A	Lot Number:	0624-RH-0058
CAS Number:	117380-92-4	Expiry Date:	May 20, 2028
Molecular Formula:	C ₁₆ H ₁₉ FN ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	350.34	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Green Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	97.08%
Loss on Drying	TGA	1.207%
Assay		95.9%

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:

Reviewed by:

Approved by General Manager:

Date: Jun 26, 2026

Date: Jun 26, 2026

Date: Jun 26, 2026



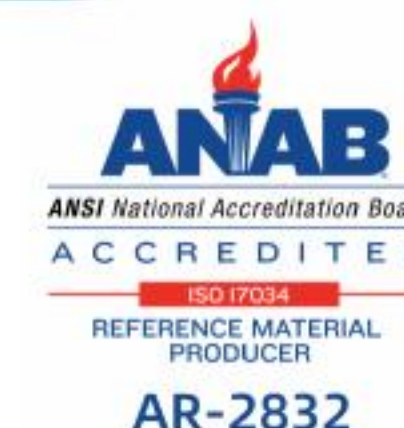
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Page 1 of 8



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