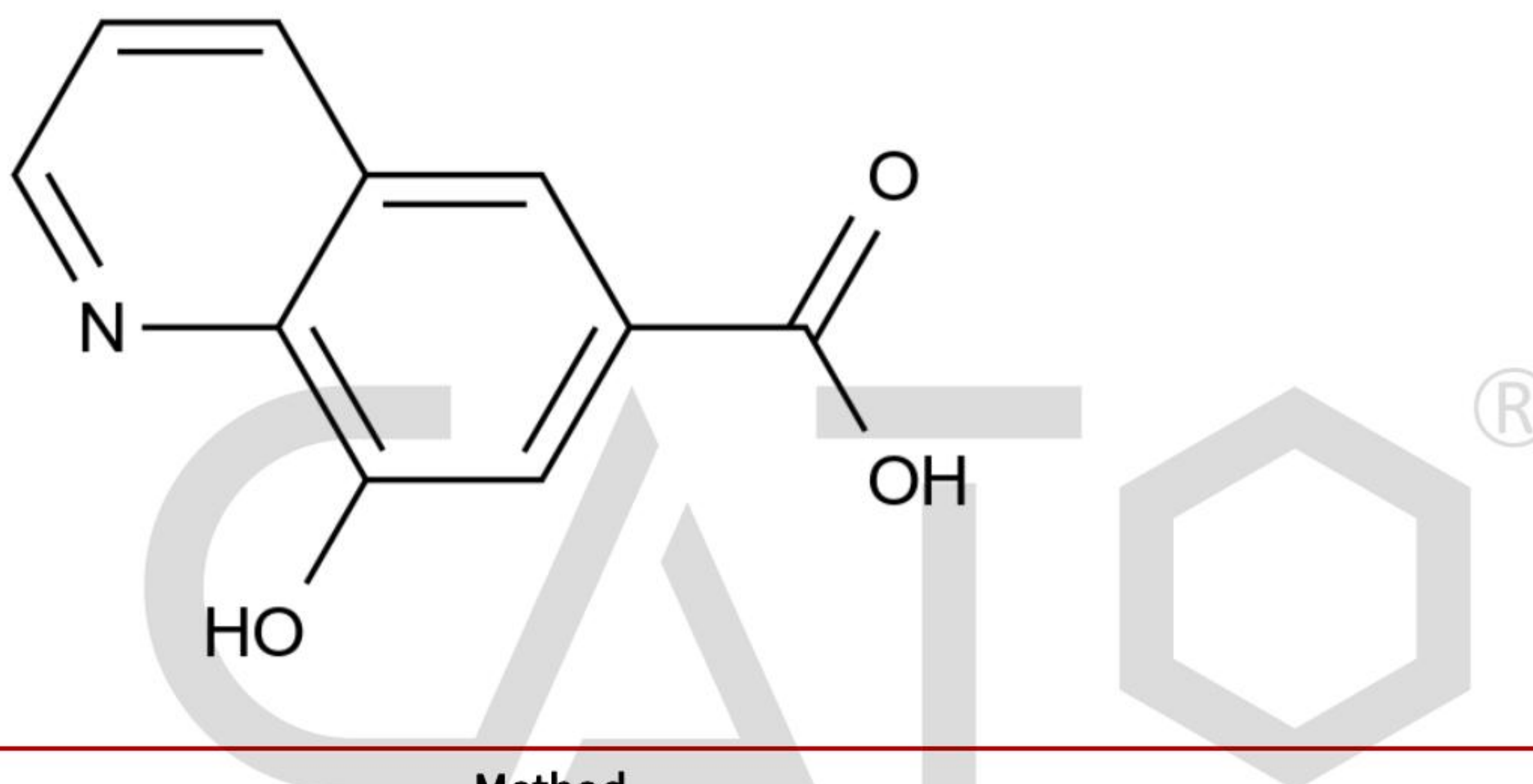


Certificate of Analysis

Reference Material & Standard

Product Name:	Moxifloxacin impurity 162	Catalogue Number:	C4X-1074162
Synonyms:	N/A	Lot Number:	0807-RG-0041
CAS Number:	90800-42-3	Expiry Date:	Aug 10, 2029
Molecular Formula:	C ₁₀ H ₇ NO ₃	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	189.17		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.262%
Loss On Drying	TGA	1.8867%
Assay		97.4%

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: Aug 11, 2025

Date: Aug 11, 2025

Date: Aug 11, 2025

