Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

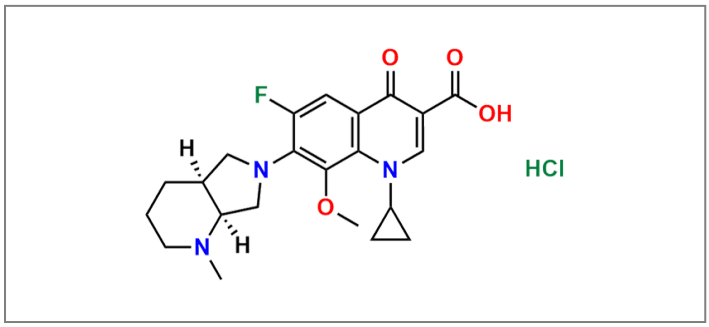
CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2026 Re-test Date: Sep 2029

Product Name: Moxifloxacin EP Impurity F

Identification:

Chemical Name: 1-Cyclopropyl-6-fluoro-8-methoxy-7-[(4aS,7aS)-1-methyloctahydro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-1,4-dihydroquinoline-3-carboxylic acid (as per EP)



Synonyms	:	Moxifloxacin N-Methyl Analog
CAS Number	:	1350716-67-4
CAT Number	:	CP-M26006
Molecular Formula	:	C22H26FN3O4 : HCl
Molecular Weight	:	415.47 : 36.46
Batch Number	:	CP-MOX-F-0624
Storage Condition	:	Tightly closed, Inert atmosphere at 2 to 8° C
Shipping condition	:	All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	99.33%
5)	1HNMR	Confirm to structure
6)	Weight loss by TGA	2.3195%
7)	Potency	97.02%

Prepared and Reviewed By

Mr. Shubham Bondre
(Quality Control)

Approved By

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.