CERTIFICATE OF ANALYSIS

(Certificate No. KMM171019-01)

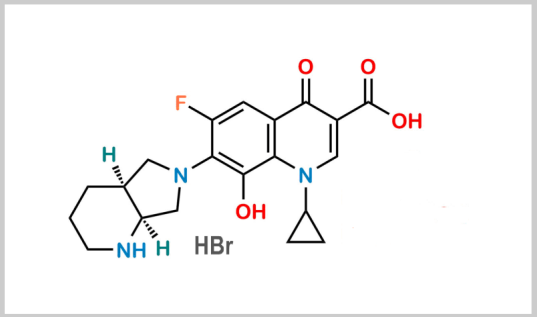
Release Date: 18/12/2025 **Re-test Date:** 17/12/2028

Moxifloxacin EP Impurity E

Identification

Chemical Name :
1-cyclopropyl-6-fluoro-8-hydroxy-7-[(4aS,7aS)-octahydro-6H-pyrrolo[3,4-b]pyridin-6-yl]-4-oxo-1,4-dihydroquinoline-3-carboxylic acid hydrobromide

Alt. Name	: Moxifloxacin O-Desmethyl Analog ; 8-Hydroxy Moxifloxacin (USP)
CAT No.	: KMM171019
CAS No.	: 1292904-74-5
Molecular Formula	: C20H22FN3O4 : HBr
Molecular Weight	: 387.4 : 80.9



Analytical Information

Batch No.	: M171019-114-026	**Solubility**	: Water
Description	: Yellow Solid	**Mass**	: Should be Confirm
HPLC Purity	: NLT 95 %	**IR**	: Should be Confirm
Weight Loss By TGA	: NMT 0.5 %	**1H NMR**	: Should be Confirm
% Potency	: 94.53 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.5(Weight Loss By TGA)] x [95(HPLC Purity)]/100 = 94.53 %

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/12/2025
Reviewed & Approved By	Quality Control	Jatin Patel		18/12/2025