CERTIFICATE OF ANALYSIS

(Certificate No. KMG001026-01)

Release Date: 04/08/2025 **Re-test Date:** 03/08/2028

N-Methyl Gatifloxacin

Identification

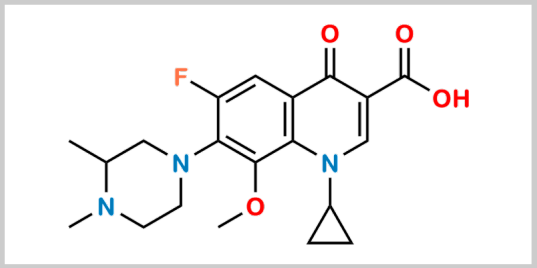
Chemical Name :
(±)-1-Cyclopropyl-6-fluoro-1,4-dihydro-8-methoxy-7-(3,4-dimethyl-1-piperazinyl)-4-oxo-3-quinolinecarboxylic acid ;

CAT No. : KMG001026

CAS No. : 114213-69-3

Molecular Formula : C20H24FN3O4

Molecular Weight : 389.4



Analytical Information

Batch No. : GAT-N-ME-045-241

Description : Off White Solid

HPLC Purity : 99.89 %

Weight Loss By TGA : 0.65 %

% Potency : 99.24 %

Solubility : ACN : WATER (1:1)

Mass : Confirm

IR : Confirm

1H NMR : Confirm

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 - 0.65(Weight Loss By TGA)] x [99.89(HPLC Purity)]/100 = 99.24 %
-Re-tested on 04.08.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		04/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		04/08/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA