CERTIFICATE OF ANALYSIS

(Certificate No. KMG001005-01)

Release Date: 21/06/2023 **Re-test Date:** 20/06/2026

Desmethyl Gatifloxacin

Identification

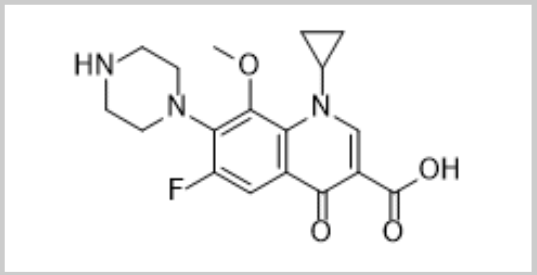
Chemical Name :
1-cyclopropyl-6-fluoro-8-methoxy-4-oxo-7-(piperazin-1-yl)-1,4-dihydroquinoline-3-carboxylic acid

CAT No. : KMG001005

CAS No. : 112811-57-1

Molecular Formula : C18H20FN3O4

Molecular Weight : 361.37



Analytical Information

Batch No.	: GAT-II-045-180	**Solubility**	: ACN : Water (1:1)
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 98.94 %	**IR**	: Confirm
Weight Loss By TGA	: 3.52 %	**1H NMR**	: Confirm
% Potency	: 95.46 %		

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 - 3.52(Weight Loss By TGA)] x [98.94(HPLC Purity)]/100 = 95.46 %
Remarks : COA Re-generated on 16.05.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		16/05/2024

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