CERTIFICATE OF ANALYSIS

(Certificate No. KMC009037-01)

Release Date: 09/09/2024 **Re-test Date:** 08/09/2027

N-NITROSO-CIPROFLOXACIN

Identification

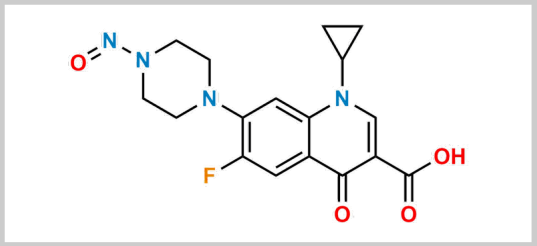
Chemical Name :
1-Cyclopropyl-6-fluoro-7-(4-nitrosopiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid

CAT No. : KMC009037

CAS No. : 864443-44-7

Molecular Formula : C17H17FN4O4

Molecular Weight : 360.3



Analytical Information

Batch No.	: CIP-N-NO-045-025	**Solubility**	: 0.1N NaOH
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 95.74 %	**IR**	: Confirm
Weight Loss By TGA	: 0.76 %	**1H NMR**	: Confirm
% Potency	: 95.01 %		

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 - 0.76(Weight Loss By TGA)] x [95.74(HPLC Purity)]/100 = 95.01 %
-Re-tested on 09.09.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		12/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		12/06/2025

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