CERTIFICATE OF ANALYSIS

(Certificate No. KML009001-02)

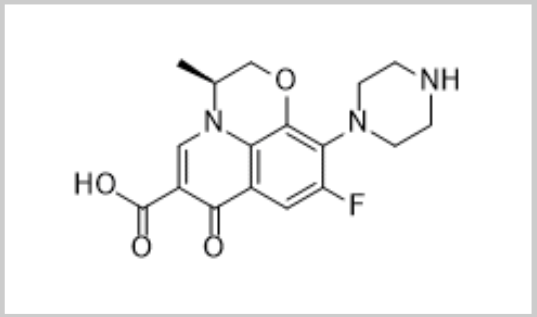
Release Date: 28/03/2026 **Re-test Date:** 27/03/2029

Levofloxacin Related Compound A

Identification

Chemical Name :
(S)-9-fluoro-3-methyl-7-oxo-10-(piperazin-1-yl)-3,7-dihydro-2H-[1,4]oxazino[2,3,4-ij]quinoline-6-carboxylic acid

Alt. Name	: Levofloxacin USP Related Compound A ; N-Desmethyl Levofloxacin
CAT No.	: KML009001
CAS No.	: 117707-40-1
Molecular Formula	: C17H18FN3O4
Molecular Weight	: 347.34



Analytical Information

Batch No.	: L009001-114-232	**Solubility**	: Methanol : Water
Description	: Light Yellow Solid	**Mass**	: Confirm
HPLC Purity	: 97.06 %	**IR**	: Confirm
Weight Loss By TGA	: 0.19 %	**1H NMR**	: Confirm
% Potency	: 96.88 %		

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 - 0.19(Weight Loss By TGA)] x [97.06(HPLC Purity)]/100 = 96.88 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		30/03/2026

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