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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

Product Name: N-Nitroso N-Desmethyl Levofloxacin

Identification:

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

Synonyms : N-Nitroso Levofloxacin USP
Related Compound A ; N-Nitroso
Levofloxacin EP Impurity B

CAS Number : 1152314-62-9

CAT Number : CP-L17013

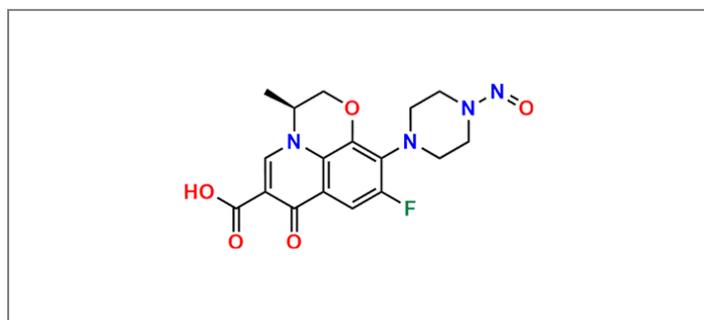
Molecular Formula : C₁₇H₁₇N₄O₅

Molecular Weight : 376.34

Batch Number : CP-LEV-NIT1-1025

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.42%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.