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## CERTIFICATE OF ANALYSIS

Analysis Date: Jun 2025

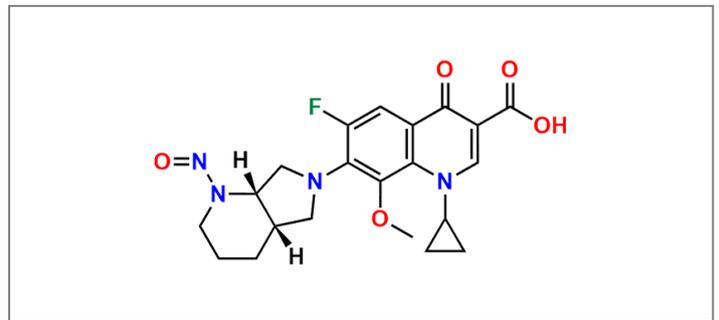
Re-test Date: May 2028

**Product Name: N-Nitroso Moxifloxacin**

### Identification:

Chemical Name: 1-Cyclopropyl-6-fluoro-8-methoxy-7-((4aS,7aS)-1-nitrosooctahydro-6H-pyrrolo[3,4-b]pyridin-6-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-M26015  
Molecular Formula : C<sub>21</sub>H<sub>23</sub>FN<sub>4</sub>O<sub>5</sub>  
Molecular Weight : 430.43  
Batch Number : CP-MOX-NIT-0625  
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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	Isomer -1=47.53% (RT- 12.278) Isomer -2=52.29% (RT-12.333) Total purity-99.82%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



### 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.