











CERTIFICATE OF ANALYSIS

Date: 30-11-2025

Product Name	Difloxacin Hydrochloride	Difloxacin Hydrochloride Trihydrate EP Impurity A			
Chemical Name	6-Fluoro-7-(4-methylpiperazii carboxylic acid	6-Fluoro-7-(4-methylpiperazin-1-yl)-1-[4-(4-methylpiperazin-1-yl)phenyl]-4-oxo-1,4-dihydroquinoline-3-carboxylic acid			
Structure					
	, , , , , , , , , , , , , , , , , , , ,				
Batch No.	-	CAS No.	NA		
Analysis Date	-	Retest Date	2		
Mol. Formula	$C_{26}H_{30}FN_5O_3$	Molecular Wt.	479.6		
Long term Storage Con	dition	Store at 2-8 °C in well closed	l container		
Handling and Transit Condition		25-30 °C in well closed container			

Test	Result	
Appearance	-	
Solubility	-	
1H-NMR	Conforms to structure	
MASS	Conforms to structure	
Chromatographic Purity	>90%	

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

CLEANCHEM LABORATORIES LLP