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Certificate of Analysis

Product	78079 - Ciprofloxacin Hydrochloride Hydrate (CPFX), 98-102% - [86393-32-0]
Batch No	2940510
Analysis Date	22-May-2025
Date of Manufacture	May 2025
Expiry Date/Re-Test Date	May 2030
Molecular Formula	C ₁₇ H ₁₈ FN ₃ O ₃ ·HCl
Molecular Weight	367.80

Test Parameters	Standards	Actual Results
Appearance (Colour)	Pale yellow	Pale yellow
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 2.5% aq. solution	Clear	Clear
Solubility (Colour) 2.5% aq. solution	Pale yellow	Pale yellow
Assay (HPLC)	98.0 - 102.0%	99.9%
pH (2.5% aq. solution)	3.5 - 4.5	3.79
Water (KF)	6.0 - 7.0%	6.7%
IR Identification Test	Passes test	Passes
Not for medicinal use	.	

FRM/82/11/4/78079 Rev No. 3 Date 21/01/2023

Prepared by Vivek

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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