



**SISCO
RESEARCH
LABORATORIES
PVT. LTD.**

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Certificate of Analysis

Product

**70553 - Ciprofloxacin Hydrochloride Hydrate (CPFX)
for cell culture, 98-102%, Endotoxin (BET) 0.05EU/mg
- [86393-32-0]**

Batch No

6600458

Analysis Date

21-Feb-2022

Date of Manufacture

February 2022

Expiry Date/Re-Test Date

February 2027

Molecular Formula

C₁₇H₁₈FN₃O₃.HCl.xH₂O

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	98% - 102%	99.9%
pH (2.5% aq. solution)	3.5 - 4.5	3.8
Water (KF)	6.0 - 7.0%	6.5%
IR Identification Test	Passes test	Passes
Suitability for Cell Culture	Passes test	Passes
Bacterial Endotoxin Test (BET) (EU/mg = IU/mg)	<0.05 EU/mg	Passes
Not for medicinal use	.	

FRM/82/11/4/70553 Rev No. 2 Date 16/02/2022

Prepared by Yogesh

In compliance with the standard specifications of SRL

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

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