

2019 – CIPROFLOXACIN HCl

REF NO: TBL/QA/SS/LC/2019	STANDARD SPECIFICATION FOR CIPROFLOXACIN HCl	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 2019

PRODUCT PROPERTIES

C.A.S Number	86393-32-0
Chemical Formula	$C_{17}H_{18}FN_3O_3HClH_2O$
Formula weight	385.82
Functional Uses	Ciprofloxacin HCl is used as a standard in the determination of ciprofloxacin HCl in pharmaceutical preparations and serum samples using (RP-HPLC)
Standard Packaging	1 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color powder

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH	3.0 – 4.5
Ash	NMT – 0.1%
Sulphate (SO ₄)	NMT – 0.04%
Heavy Metals (Pb)	NMT – 0.002%
Fluoroquinolonic acid	NMT – 0.2%
Assay	NLT – 98.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

