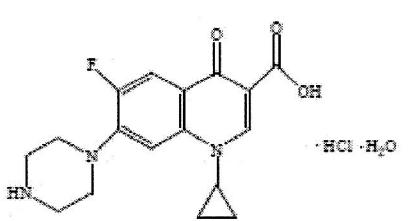


# ZHEJIANG LANGHUA PHARMACEUTICAL CO., LTD

NO.7,DONGHAI 3RD STREET,LINHUAZONE,CHEMICAL AND MATERIALS BASE,ZHEJIANG PROVINCE,CHINA

## TECHNICAL DATA SHEET

### BASIC INFORMATION

PRODUCT NAME	CIPROFLOXACIN HCL
SYNONYMS	1-Cyclopropyl-6-fluoro-1,4-dihydro-4-oxo-7-(1-piperazinyl)-3-quinolinecarboxylic acid, monohydrochloride, monohydrate
CAS NO.	86393-32-0
CHEMICAL STRUCTURE	
APPLICATION	API

### PACKING INFORMATION:

THE GOODS ARE PACKED ACCORDING TO THE PACKAGE REQUIREMENT OF ORDINARY GOODS.

OUTSIDE PACKING	25KG/DRUM
INSIDE PACKING	25KG/BAG

### SPECIFICATION:

ITEM	STANDARD
DESCRIPTION	FAINTLY YELLOWISH TO LIGHT YELLOW CRYSTALS
IDENTIFICATION	(1) CORRESPOND TO THE IR SPECTRUM OF CIPROFLOXACIN HCL (2) CORRESPONDS TO THE RETENTION TIME OF MAIN PEAK IN THE CHROMATOGRAM OBTAINED FROM THE REFERENCE SOLUTION (3) CORRESPOND TO THE TESTS FOR CHLORIDE REACTION
PH	3.0-4.5
WATER	4.7%-6.7%
RESIDUE ON IGNITION	NOT MORE THAN 0.1%
HEAVY METALS	NOT MORE THAN 20PPM
SULFATE	NOT MORE THAN 0.04%
FLUOROQUINOLONIC ACID	NOT MORE THAN 0.2%
RELATED SUBSTANCE	
CIPROFLOXACIN ETHYLENEDINAMINE ANALOG	NOT MORE THAN 0.2%
ANY OTHER INDIVIDUAL IMPURITY	NOT MORE THAN 0.2%
TOTAL IMPURIES	NOT MORE THAN 0.5%
ASSAY(ON THE ANHYDROUS BASIS)	98.0%-102.0%(C <sub>17</sub> H <sub>22</sub> FN <sub>3</sub> O <sub>3</sub> .HCL)

浙江朗华制药有限公司  
ZHEJIANG LANGHUA PHARMACEUTICAL CO., LTD.

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