

WRS
C28-7

MEDICO REMEDIES PVT. LTD.

8 & 9, DEWAN & SONS UDYOG NAGAR, LOKMANYA NAGAR, PALGHAR, DIST. THANE - 401 404,

MAHARASHTRA.

CERTIFICATE OF ANALYSIS

NAME OF THE SAMPLE : CIPROFLOXACIN HYDROCHLORIDE USP

Batch No. : CPH/14101436

Manufactured By : Aarti Drug Ltd.

Mfg. Date : 01/10/2014

Exp. Date : 30/09/2019

A.R. No. : MR14110804

Qty Received : 14 X 25 KG

Date of Sdttⁿ : 19/01/2015

Valid Up to : 18/01/2016

SR NO	TEST	SPECIFICATIONS	RESULTS
1.	Description	White or almost white powder.	Almost white powder.
2.	Solubility	Sparingly soluble in water, slightly soluble in acetic acid and in methanol very slightly soluble in dehydrated alcohol, practically insoluble in acetone, in acetonitrile, in ethyl acetate, in hexane and in methylene chloride.	Sparingly soluble in water, slightly soluble in acetic acid and in methanol very slightly soluble in dehydrated alcohol, practically insoluble in acetone, in acetonitrile, in ethyl acetate, in hexane and in methylene chloride.
3.	Identification	A) By Infrared absorption spectrophotometry B) By chromatography C) It gives reaction of chlorides	Positive Positive Positive
4.	pH	Between 3.0 to 4.5	3.75
5.	Water	Between 4.7% to 6.7%	5.74 %
6.	Residue on ignition	Maximum 0.1 %	0.030 %
7.	Sulfate	Maximum 0.04 %	Complies
8.	Heavy Metals	Maximum 0.002 %	Complies
9.	Limit of fluoroquinolonic acid	By Thin-layer chromatography	Complies
10.	Chromatographic purity	By HPLC	Complies
11.	Assay	98.0 per cent to 102.0 per cent as $C_{17}H_{18}FN_3O_3 \cdot HCL \cdot H_2O$ (Anhydrous basis).	99.65 %

REMARKS : The sample complies as per USP.

Chamre
ANALYST

Q. C. MANAGER

