

**PRODUCT: CIPROFLOXACIN HYDROCHLORIDE**

ITEMS	SPECIFICATIONS
<b>IDENTIFICATION</b> a) IR  b) HPLC	Conforms to the spectrum of Ciprofloxacin hydrochloride RS.  The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the assay  Responds to the tests for chloride
<b>PH</b>	3.0 ~ 4.5 (1g/40ml water)
<b>WATER</b>	4.7~6.7%
<b>RESIDUE ON IGNITION</b>	≤0.1%
<b>SULPHATE</b>	≤0.04%
<b>HEAVY METALS</b>	≤ 0.002%
<b>LIMIT OF FLUOROQUINOLONIC ACID</b>	≤ 0.2%
<b>CHROMATOGRAPHIC PURITY (HPLC)</b> ➤ Ciprofloxacin ethylenediamine analog ➤ Any other single impurity ➤ Total impurities	≤ 0.2% ≤0.2% ≤0.5%
<b>ASSAY (HPLC)</b> (on the anhydrous substance)	98.0%~102.0%
<b>RESIDUAL SOLVENTS</b> ➤ Ethanol ➤ Toluene	≤5000 ppm ≤890 ppm