

**PRODUCT: Ciprofloxacin 40% Granules/Powder (TASTE MASKING GRANULES/POWDER)****COMPOSITION:**

Each 100 gm Contains:
Ciprofloxacin hydrochloride
Eq. to Ciprofloxacin 40 gm
Excipients Q.S

SPECIFICATIONS:

S. No.	TEST	SPECIFICATION
1	Characters	Customized coloured free flowing granular powder, which after reconstitution gives coloured & flavoured suspension.
2	Identification	The retention time obtained in the chromatogram for sample preparation must concordant to the standard preparation in assay test of ciprofloxacin HCl.
3	pH (15% w/v suspension in purified water)	Between 8.0 to 11.0
4	Taste	Bitterless & flavoured pleasant taste suspension after reconstitution with diluents (Purified water)
5	Bulk density	Between 0.6 to 0.8 g/ml
6	Sieve Test	100% material should pass through 20 mesh (850 micron), & not less than 90 % material pass through 25 mesh (710 micron), and more than 90% material should retain on 45 mesh (355 micron).
7	Dissolution	Not less than 75% of Ciprofloxacin (625 mg Granules/900 ml 0.01M Hcl at 100 RPM for 60 minutes by dissolution apparatus of USP type2 Paddle).
8	Assay: Each 100gm Ciprofloxacin hydrochloride Eq. to Ciprofloxacin....40gm	36 gm to 44 gm (90.0% to 110.0%)

NOTE: Customized specification & flavour will be available on request.