



**Diclofenac Colestyramine Granules / Powder  
(DICLOFENAC RESINATE)**

***P.J. Healthcare***

**INDIA**

### Information Sheet:

- Diclofenac Colestyramine Resinate Granules / Powder is a new formulation of Diclofenac with faster speed of onset action, better efficacy than traditional Diclofenac preparations and a dual quick slow action.
- **145.6 mg Diclofenac Colestyramine (= Diclofenac resinate) corresponding to 75 mg Diclofenac Sodium.**

### Advantages

- Local GMP Good Manufacturing Practice Certifications
- Conformity to innovators Product Profile
- In-house Product Specifications & test method & document support
- Efficient delivery time
- Availability: In Granules / Powder
- Packing in HDPE container

### Products Categories & Application:

- Diclofenac Possesses Analgesic, Anti- inflammatory and Antipyretic properties.
- Better tolerability for the resinate in comparison to traditional Diclofenac preparations, especially GI disturbances.
- The faster onset of action, the sustained-release effect, lower gastric side effects add on to the superior potency of Diclofenac to provide effective pain relief in arthritis and postoperative pain/outcomes.
- Nonsteroidal anti- inflammatory drugs (NSAIDs) are the most widely used of all analgesic agents.
- Better compliance with twice-daily dosing in chronic conditions like arthritis.
- Diclofenac-colestyramine was also found not to affect renal function when used for short-term therapy
- Diclofenac-colestyramine is an improved formulation of Diclofenac which utilizes the ion-exchange resin drug delivery technology.
- Diclofenac, like other NSAIDs, can injure the gastric mucosa by preventing the protective effect of prostaglandins. Colestyramine is an IER that forms a complex with Diclofenac, and thus helps to reduce mucosal damage by direct contact in the gastric lumen.

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**PRODUCT SPECIFICATION**

**Product: Diclofenac Colestyramine Granules / Powder**

SR.NO.	TEST	SPECIFICATION
1	Appearance	Off white to yellowish, granular free flowing powder
2	pH	Between 6.0 to 9.0
3	Water by KF	NMT 10%
4	Dissolution of Diclofenac calculated as Diclofenac sodium <ul style="list-style-type: none"> <li>- After 1 hours</li> <li>- After 2 hours</li> <li>- After 4 hours</li> <li>- After 8 hours</li> </ul>	Between 55 - 75% of effective content Between 60 - 80% of effective content Between 70 – 90% of effective content Not less than 75% of effective content
5	Assay of Diclofenac calculated as Diclofenac sodium (on anhydrous Basis)	Between 46.5% and 56.8%