



# Complexol – B (Beta Cyclodextrin) BP/USP-NF/IP

## Taste masking & Solubility Enhancement

**COMPLEXOL – Range of betacyclodextrins and its derivatives.**

Complexol-B is used for molecular encapsulation of a variety of water insoluble or sparingly soluble compound to enhance stability, altering aqueous solubility and reduce volatility.

Complexol-B does not contribute to viscosity and is chemically stable.



## Applications

- **Controlled release** of water insoluble, highly reactive or volatile materials, e.g. fragrances, flavours, catalysts, agrochemicals and low molecular weight additives.
- **Stabilization** of sensitive, reactive or labile compounds.
- **Solubilization** of poorly water soluble materials
- **Reduction** of solvent requirements in chemical processes and products, e.g. electroplating solutions, paints and printing inks.
- **Chiral resolution** via chromatography as a mobile or stationary phase modifier.
- Direction of chiral or site specification in **chemical synthesis**.
- Beta Cyclodextrin is increasing being used as a **Odor & Taste Masking Ingredient** in Pharma & Food applications.

# Complexol-B [Beta Cyclodextrin] BP/USP-NF/IP

| <u>Formulation / Application</u>                   | <u>API / Drug</u>  |
|--|--|
| Antacids, Anti-Reflux agents & Anti-Ulcerant       | Rabeprazole<br>Pantaprazole  |
| Anti-Bacterial Combinations                        | Norfloxacin + Tinidazole   |
| Anti-Depressant                                    | Lorazepam  |
| Anti-Diabetic                                      | Glipizide<br>Glibenclamide   |
| Anti-Fungal  | Itraconazole<br>Terbinafine<br>Griseofulvin  |
| Anti-Hypertensive                                  | Chlorthalidon  |
| Anti-Migraine preparations                         | Flunarizine  |
| Bacteriostatic Antibiotic                          | Sulfomethiazole<br>Praziquantel  |
| GIT Regulators, Anti-Flatulent & Anti-Inflammatory | Mosapride  |
| Muscle Relaxants                                   | Tizanidine   |
| NSAID's  | Aceclofenac<br>Piroxicam<br>Nimesulide<br>Excodolac<br>Ketoprofen<br>Ibuprofen<br>Aceclofenac + Paracetamol. |



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