

ENRODOT-B

Enrofloxacin B.P. 200 mg + Bromohexine Hydrochloride I.P. 15 mg/mL
Oral Suspension Veterinary Use Only

Description

This veterinary oral suspension offers a **potent combination of an antimicrobial and mucolytic agent**, specially formulated for respiratory and systemic infections in livestock:

- **Enrofloxacin B.P. (Vet)** is a broad-spectrum fluoroquinolone antibiotic effective against Gram-positive and Gram-negative bacteria by inhibiting bacterial DNA gyrase and topoisomerase IV.
- **Bromohexine Hydrochloride I.P.** is a mucolytic agent that reduces mucus viscosity and improves respiratory tract drainage.

The combination provides **antibacterial action along with respiratory relief**, making it especially effective in **respiratory tract infections** complicated by mucus buildup.

Specification

- **Composition (per mL):**
 - Enrofloxacin B.P. (Vet) — 200 mg
 - Bromohexine Hydrochloride I.P. — 15 mg
 - Excipients — q.s. to 1 mL
- **Appearance:**
Clear to slightly yellowish homogenous oral suspension
- **Formulation Type:**
Ready-to-use suspension for oral administration
- **pH Range:**
Typically between 4.0 and 5.5
- **Packaging:**
HDPE bottles with tamper-evident closures
 - Sizes: 100 mL, 500 mL, 1 Litre
- **Shelf Life:**
24 months from the date of manufacture

Pharmacological Category

- **Enrofloxacin:** Fluoroquinolone Antibacterial
- **Bromohexine:** Mucolytic / Expectorant

Indications

Indicated for treatment and management of:

- **Bacterial Respiratory Tract Infections**
 - Pneumonia
 - Bronchitis
 - Rhinitis
 - Sinusitis
- **Systemic Infections** caused by susceptible organisms
- **Secondary infections** involving mucus accumulation
- Supportive therapy in viral infections with respiratory distress

Target species: Cattle, buffaloes, sheep, goats

Dosage and Route of Administration

- **Route:** Oral administration
- **Recommended Dosage:**
 - **1 mL per 10–15 kg body weight**, once daily
 - Duration: 3–5 days, or as advised by a veterinarian
- Shake well before use

Advantages

- Dual-action: antimicrobial + mucolytic
- Rapid absorption with excellent tissue penetration
- Synergistic effect in respiratory infections
- Effective against stubborn and chronic respiratory pathogens
- Easy oral dosing for mass treatment

Adverse Effects

- Mild and transient gastrointestinal disturbances
- Rare hypersensitivity or allergic reactions
- Use with caution in young animals (cartilage sensitivity to fluoroquinolones)
- Overdose may cause neurological symptoms

Precautions

- Use only under the guidance of a registered veterinarian
- Avoid use in animals with known hypersensitivity to fluoroquinolones or mucolytics
- Do not exceed recommended dosage
- Use with caution in animals under stress or with liver/kidney impairment
- Do not use concurrently with NSAIDs in young animals

Withdrawal Period

- **Meat and Offal:** Minimum **14 days** after last administration
- **Milk:** Minimum **3 days** (or as per national regulatory guidelines)

Storage and Handling

- Store below 30 °C
- Protect from light and moisture
- Shake well before each use
- Do not freeze
- Keep tightly closed and out of reach of children and unauthorized personnel

Regulatory Classification / Schedule

- **Schedule H (India)** or equivalent
- Prescription-only veterinary medicine
- For veterinary use only

HS Code & HSN Code

- **HS Code (International):** 3004.90 – Other medicaments
- **HSN Code (India):** 3004.90.99 – Veterinary Medicaments (Others)

Special Instructions

- Ensure proper weight estimation for accurate dosing
- Do not mix with feed or water unless prescribed
- Avoid abrupt discontinuation — complete full course
- Dispose of empty containers responsibly
- Use calibrated dosing device for administration

Frequently Asked Questions (FAQs)

Q: What conditions does this product treat?

A: Primarily respiratory infections, systemic bacterial infections, and conditions involving mucus buildup in livestock.

Q: Can I give this to lactating animals?

A: Use with caution. Follow milk withdrawal period of at least 3 days or as advised by a veterinarian.

Q: Is it safe for use in calves or lambs?

A: Avoid use in very young animals unless prescribed due to the risk of joint/cartilage issues associated with fluoroquinolones.

Q: Can I mix this with water or feed?

A: Not recommended unless directed by a veterinarian. Direct oral dosing ensures optimal bioavailability.

Q: How long should I continue treatment?

A: 3–5 days is typical. Continue full course even if symptoms improve early.