

ENRODOT

Enrofloxacin B.P. 100 mg/mL Oral Suspension Veterinary Use Only

Description

Enrofloxacin B.P. is a **fluoroquinolone antibiotic** used in veterinary medicine. It offers broad-spectrum bactericidal activity against both Gram-negative and Gram-positive bacteria by inhibiting bacterial DNA gyrase and topoisomerase IV, essential enzymes for DNA replication and transcription.

This oral suspension formulation contains 100 mg/mL of Enrofloxacin, allowing precise and effective dosing for various food-producing and companion animals.

Specification

- **Composition per mL:**
 - Enrofloxacin B.P. — 100 mg/mL
 - Excipients — q.s. to 1 mL
- **Appearance:**
Yellowish to pale brown, clear to slightly opalescent suspension
- **Formulation Type:**
Ready-to-use oral suspension
- **pH Range:**
Maintained between 4.5 and 6.5
- **Packaging:**
HDPE bottles with tamper-evident caps
 - Sizes: 100 mL, 500 mL
- **Shelf Life:**
Minimum 24 months under recommended storage conditions

Pharmacological Category

Fluoroquinolone Antibiotic

Indications

- Treatment of infections caused by susceptible bacteria, including:
 - Respiratory tract infections
 - Gastrointestinal infections
 - Urinary tract infections
 - Skin and soft tissue infections
 - Septicaemia and other systemic infections

Dosage and Route of Administration

- **Route:** Oral administration
- **Recommended Dosage:**
 - **Cattle, Sheep, Goats:** 5 mg/kg body weight once daily for 3-5 days
 - Adjust dose and duration based on veterinary advice and infection severity
- Shake well before use to ensure uniformity

Advantages

- Broad-spectrum bactericidal activity
- Convenient oral suspension form for easy dosing
- Effective against common veterinary pathogens
- Rapid absorption and systemic distribution
- Well-tolerated with minimal adverse effects

Adverse Effects

- Possible mild gastrointestinal disturbances (anorexia, diarrhoea)
- Rare hypersensitivity reactions
- Use with caution in young animals due to potential cartilage effects
- Avoid overdose to prevent toxicity

Precautions

- Use under veterinary prescription only
- Do not use in animals with known hypersensitivity to fluoroquinolones
- Avoid use in animals producing milk for human consumption unless withdrawal period is observed
- Avoid concurrent use with other nephrotoxic or hepatotoxic drugs
- Strictly follow withdrawal periods

Withdrawal Period

- **Meat and Offal:** Minimum **14 days** after last administration
- **Milk:** Avoid use in lactating animals producing milk for human consumption unless approved

Storage and Handling

- Store in a cool, dry place below 30 °C
- Protect from direct sunlight and freezing
- Keep container tightly closed
- Shake well before use
- Dispose of empty containers according to veterinary regulations

Regulatory Classification / Schedule

- Veterinary prescription-only medicine
- **Schedule H (India)** or equivalent regulatory status
- For veterinary use only

HS Code & HSN Code

- **HS Code (International):** 3004.90 – Medicaments containing one or more active ingredients
- **HSN Code (India):** 3004.90.99 – Veterinary Medicaments (Others)

Special Instructions

- Shake well before administration
- Use calibrated dosing devices for accuracy
- Complete full course as prescribed to prevent resistance
- Do not mix with feed or water
- Observe withdrawal periods strictly

Frequently Asked Questions (FAQs)

Q: What infections does Enrofloxacin treat in animals?

A: It treats bacterial infections including respiratory, gastrointestinal, urinary, skin, and systemic infections caused by susceptible bacteria.

Q: Can this be used in lactating animals?

A: Use is not recommended unless withdrawal periods are strictly observed. Consult a veterinarian.

Q: How long should the treatment last?

A: Typically 3-5 days, but follow veterinary guidance.

Q: What if the animal vomits after dosing?

A: If vomiting occurs immediately after dosing, re-administer the dose. Contact your veterinarian if uncertain.

Q: How should I store the product?

A: Store below 30°C in a dry place away from sunlight, with the container tightly closed.

