

LEVODOT

Levofloxacin-100 mg Injection for Veterinary Use

Description

Levofloxacin is a **broad-spectrum fluoroquinolone antibiotic** effective against a wide range of **Gram-positive and Gram-negative bacteria**. It is commonly used in veterinary medicine to treat **respiratory, urinary tract, skin, and soft tissue infections**. Benzyl alcohol acts as a preservative.

Composition (per mL)

- **Levofloxacin** – 100 mg
- **Benzyl Alcohol I.P.** – 1.5% v/v
- **Sterile aqueous base** – q.s. to 1 mL

Category

Fluoroquinolone Antibiotic

Specifications

- **Form:** Sterile injectable solution
- **Appearance:** Clear, pale yellow to colourless liquid
- **Container:** Amber glass vial (30 ml and 100 ml)
- **Closure:** Rubber stopper with aluminium seal
- **Sterility:** Compliant with pharmacopoeia standards

Indications

- Treatment of **bacterial infections** caused by susceptible pathogens
- Respiratory infections like pneumonia
- Urinary tract infections
- Skin and soft tissue infections
- Septicaemia

Dosage & Route of Administration

- **Dosage:** 5-10 mg/kg body weight once daily or as directed
- **Route:** Intravenous (IV) or intramuscular (IM) injection
- **Pack Sizes:** 30 ml and 100 ml vials

Product Form

- Sterile injectable solution
- Multi-dose vial

Usage & Advantages

- Broad-spectrum bactericidal activity
- Effective against resistant strains
- Convenient dosing with once-daily administration
- Rapid absorption and distribution

Adverse Effects

- Possible gastrointestinal upset
- Allergic reactions (rare)
- Central nervous system effects such as dizziness or seizures in sensitive animals
- Injection site pain

Withdrawal Period

- **Meat:** 14 days
- **Milk:** 72 hours

Storage & Handling

- Store at **20-25°C**
- Protect from light
- Keep vial tightly closed
- Use aseptic technique

Precautions

- Use under veterinary guidance
- Avoid use in young animals with immature joints
- Monitor for hypersensitivity reactions
- Adjust dosage in renal impairment

HS and HSN Codes

- **HS Code:** 30049099
- **HSN Code:** 3004

Human & Veterinary Application

- Strictly veterinary use
- Avoid accidental exposure
- Seek medical advice immediately if exposed

Frequently Asked Questions (FAQs)

- **Q1: What infections does Levofloxacin treat?**
Respiratory, urinary, skin infections, and septicaemia.
- **Q2: How is it administered?**
IV or IM injection.
- **Q3: Any side effects?**
GI upset, allergic reactions, CNS effects.
- **Q4: Storage conditions?**
Store at 20-25°C, protect from light.
- **Q5: Withdrawal period?**
14 days for meat, 72 hours for milk.