

Biflox 10% (Biflox 10%)

Enrofloxacin

Dosage Form

Oral solution, for veterinary use.

Pharmacotherapeutic Group

Systemic antimicrobial agent, fluoroquinolone antibiotic.

ATCvet code: QJ01MA90

Description

Slightly yellowish transparent solution, free from visible particles.

Target Species

Poultry, piglets.

Composition

1 ml of solution contains:

- **Active substance:** Enrofloxacin 100 mg
- **Excipients:** Potassium hydroxide, benzyl alcohol, purified water

Presentation

1 ml glass ampoule;

100 ml polyethylene bottle;

1 L white polyethylene bottle.

Pharmacological Properties

Enrofloxacin is a fluoroquinolone antibiotic with a broad spectrum of antibacterial activity.

It is active against Gram-positive and Gram-negative bacteria, including:

Escherichia coli, *Haemophilus spp.*, *Klebsiella spp.*, *Pasteurella spp.*, *Pseudomonas spp.*, *Bordetella spp.*, *Campylobacter spp.*, *Erysipelothrix spp.*, *Corynebacterium spp.*, *Staphylococcus spp.*, *Streptococcus spp.*, *Actinobacillus spp.*, *Clostridium spp.*, *Bacteroides spp.*, *Chlamydia spp.*, *Rickettsia spp.*, *Mycoplasma spp.*

The mechanism of action is based on inhibition of DNA-gyrase enzyme activity, which interferes with bacterial DNA replication.

Indications

For the treatment of poultry (broilers, replacement chickens, turkeys, geese, ducks) and piglets suffering from:

- Colibacillosis
- Salmonellosis
- Pasteurellosis
- Streptococcosis
- Mycoplasmosis
- Necrotic enteritis (single and mixed infections)
- Infections caused by *Pseudomonas aeruginosa*, *Staphylococcus*, *Coryza*, *Pasteurella*, *Erysipelothrix*

Also used for mixed infectious diseases and secondary bacterial infections associated with viral diseases.

Dosage and Administration

Administer orally (via drinking water) once daily for 3–5 days.

Piglets:

0.5 ml per 10 kg body weight for 3 days.

Poultry:

0.1 ml/kg body weight

or

500 ml per 1000 L of drinking water for 3 days.

For poultry salmonellosis, mixed infections and chronic diseases:

1 L per 1000 L of drinking water for 5 days.

The solution should be prepared according to daily water consumption requirements.

Animals must receive only medicated water during treatment.

Provide sufficient drinking water. Replace water with fresh solution every 24 hours.

Adverse Reactions

No adverse effects have been observed when used according to instructions.

Contraindications

- Do not use in laying hens producing eggs for human consumption.
 - Hypersensitivity to quinolones.
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Special Precautions

Simultaneous administration with chloramphenicol, macrolides, or tetracyclines is not recommended due to possible antagonistic effects.

During handling, follow hygiene and safety regulations applicable to veterinary medicinal products.

Empty containers must not be reused for food products.

Withdrawal Period

Piglets:

Slaughter for meat permitted 14 days after last administration.

Poultry:

Slaughter permitted 11 days after last administration.

Eggs must not be used for food during treatment and may be used 9 days after last administration.

Animals slaughtered before the withdrawal period may be used for feeding fur animals or for production of meat-and-bone meal.

Storage Conditions

Store in a dry place protected from sunlight at temperatures not exceeding 25°C.

Shelf life: 3 years.

Manufacturer:

LLC "Biotecs", Georgia.