

# ANDOFLOX 5 %

Q-0209-087



## Oral solution

Broad spectrum antibacterial for birds



### Formule

Each ml contains:	
Enrofloxacin	50 mg
Vehicle c.b.p.	1 ml

### Use in



Fattening birds,  
combat and ornament.

### INDICATIONS AND USES:

In live poultry, fighting cocks, and ornamental birds, andoflox ® 5 % is intended to prevent and treat:

- Digestive tract infections caused by *E. coli* and *Salmonella* spp.
- Respiratory tract infections caused by *Haemophilus* spp., *Mycoplasma* spp., *Pasteurella* spp., *Staphylococcus* spp., *Streptococcus* spp., *Corynebacterium* spp., *Pseudomonas* spp., and *E. coli*.
- Genital infections caused by *Salmonella* spp., *E. coli*, and *Mycoplasma* spp.
- Septicemic infections caused by *E. coli*, *Pasteurella* spp., *Salmonella* spp., *Staphylococcus* spp., and *Erysipelothrix rhusiopathiae*.

### CLINICAL PHARMACOLOGY:

#### • PHARMACOKINETICS:

Enrofloxacin is well absorbed after oral application in most species; 50 % of the maximum concentration is obtained 15 min after supplying the drug and peak levels are reached 1 hour after application. The presence of food in the stomach may delay the absorption but not its extension. Enrofloxacin is distributed through the whole body; the highest concentrations are found in the bile, kidneys, liver, lungs, and reproductive system (including prostate liquid and tissues). It is removed through the kidneys as well as other non-renal mechanisms. Approximately 15 to 50 % of the drug is excreted unchanged in the urine, through tubular secretion and glomerular filtration. Enrofloxacin is metabolized to various metabolites, most of which are less active than the original compound. Approximately 10 to 40 % of cycling enrofloxacin is metabolized to ciprofloxacin, these metabolites are removed through the urine and feces.

#### • PHARMACODYNAMICS

Enrofloxacin is a bactericide agent. Its mechanism of action could be due to the bacterial DNA-gyrase inhibition (a type II topoisomerase) that impedes the winding and synthesis of the DNA chain.

Enrofloxacin has a significant post-antibiotic effect for Gram negative and Gram positive bacteria, and it is effective in stationary phase as well as in the growth of bacterial replication.

Due to its spectrum and mechanism of action, andoflox ® 5 % does not need to be combined with other antibiotics. It is important to note that if it is combined with other antibiotics, no antagonism is produced. In most cases, synergism is produced.

### WARNINGS:

Do not apply to laying birds that produce eggs for consumption.

Keep in a cool, dry place far from sunlight.

Keep out of reach of children.

Do not apply with bivalent ions as this causes chelation.

If antacids are being taken, it must be in an interval of at least two hours.

In combination with aminoglycosides, third-generation cephalosporins, and penicillin, it may cause resistance in some microorganisms, mainly *Pseudomonas* spp.

Cyclosporine increases the nephrotoxic effect of enrofloxacin.

Do not use on animals sensitive to the formula ingredients.

Enrofloxacin is an SNC stimulant and should be used with care in patients with convulsive disorders.

**Consult a veterinary physician.**

**For sale only with medical prescription.**

### DOSE:

1 mL/ L drinking water (5 mg/ Kg) every 24 hours for 3 to 5 days.

In the case of mycoplasmosis, continue treatment for 5 consecutive days.

In the case of salmonellosis, continue treatment for 10 consecutive days.

### ROUTE OF ADMINISTRATION

Oral, in drinking water.

### WITHDRAWAL PERIOD:

This product should not be used 2 days before the slaughtering of birds intended for human consumption.

### PRESENTATIONS 25 ml