

# ANDOFLOX 10 %

Q-0209-089



## Injectable solution

Broad spectrum antibacterial



### Formula

Each ml contains::	
Enrofloxacin	100 mg
Vehicle c.b.p.	1 ml

### Use in



Dairy and beef cattle.

### INDICATIONS AND USES:

Antibacterial of wide spectrum and fast bactericidal action, that is indicated for diseases in:

Digestive system - Salmonella spp. and E. coli  
Skin infections - By Fusobacterium spp. and Proteus spp.  
Respiratory system - By Bordetella spp., Pasteurella spp. and mycoplasmosis.  
Genitourinary system - By E. coli, Streptococcus spp. and Corynebacterium spp.

### CLINICAL PHARMACOLOGY:

#### • DRUG KINETIC:

Enrofloxacin shows a notable bioavailability when administered parenterally, exceeding 80 and 90%. It has excellent pharmacokinetic tissular penetration properties and slow elimination thus its clinical efficiency from one to two hours after its administration. It achieves high concentrations of the active substance in tissues and bodily fluids; maintaining this level for up to 24 hours achieving a better intracellular penetration in vivo. This results in better effectiveness in the treatment of infections caused by intracellular bacteria; fundamentally eliminated through urine without modifications, in its desethyl derivative ciprofloxacin and through bile without suffering any modification.

#### • PHARMACODYNAMICS

Enrofloxacin produces an antibacterial effect at a nucleus level on the synthesis of bacterial gyrase DNA thus blocking the protein synthesis and the genetic information, thereby producing an inability for the bacteria to multiply and consequently a bactericidal effect.

### DOSAGE:

#### • BOVINES

Body Weight.	
1 to 2 ml for every 40 kg	in 24 hour intervals for 3 to 5 days

### WARNINGS:

Do not use together with bivalent ions since it produces chelation  
Store at room temperature at no more than 30°C in a dry place.  
Keep out of the reach of children.  
Product for exclusive use in veterinarian medicine.  
Sold by prescription only.

### ETIOLOGIC AGENTS:

Salmonella spp., E. coli, Fusobacterium spp., Proteus spp., Bordetella spp., Pasteurella spp., Mycoplasma spp., Streptococcus spp., Corynebacterium spp.

### ROUTE OF ADMINISTRATION

Parenteral (Intramuscular injection, subcutaneous or slow intravenous).

### WITHDRAWAL PERIOD:

Salmonella spp., E. coli, Fusobacterium spp., Proteus spp., Bordetella spp., Pasteurella spp., Mycoplasma spp., Streptococcus spp., Corynebacterium spp.

### PRESENTATIONS

250 ml