



# Indicated against very frequent diseases

- Indicated for bacterial respiratory disease
- Against foot infections
- Tylosin is not an antibiotic used in human medicine, therefore it is included in category 1 of the PRAN as first choice or regular use

# The advantages of being injectable tartrate tylosin

- Totally soluble active ingredient, as compared to tylosin bases which are partially soluble
- It is absorbed better and we achieve high plasma levels quicker
- Tartrate salt hardly produces any pain at the point of inoculation

# **Excellent quality**

 Endorsed by our customers for its high quality

LABIANA

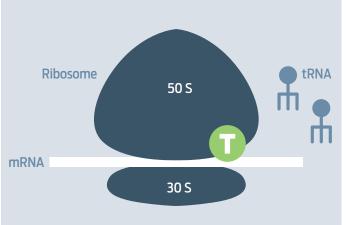
 Registered for use up to 20 mg/kg body weight/day for five consecutive days



# **Tilosina Labiana** Injectable solution

# <section-header>

## Mechanism of action of tylosin



Tylosin is a macrolide that penetrates bacteria by passive diffusion to bond to the subunit 50 S of the ribosome.

There it blocks the biosynthesis of the bacterial proteins, impeding the bonding of the tRNA. Its action is bacteriostatic but at high concentrations, it can act as a bactericide.

### **COMPOSITION PER ML**

Tylosin (tartrate)...... (equivalent to 200 mg of tylosin)

### INDICATIONS

### Bovine:

- Respiratory infections caused by *Pasteurella multocida*, *Arcanobacterium* pyogenes or *Fusobacterium necrophorum*.
- Foot infections caused by Fusobacterium necrophorum.

# DOSAGE AND ROUTE OF ADMINISTRATION

### Bovine:

10-20 mg of tylosin/kg l.w./day (equivalent to 0.5-1 ml /10 kg l.w./day), for 5 consecutive days by deep intramuscular route.

The duration of the treatment must not exceed 5 days. The weight of the animals must be determined with the greatest possible precision to avoid insufficient dosing.

Respect a maximum volume per point of injection of 5 ml.

Anticipate a sufficient separation between the points of injection when several places of administration are necessary. Give a light massage at the point of injection.

### WITHDRAWAL PERIOD

### Bovine: Meat: 33 days. Milk: 5 days (120 hours).

### CONTRAINDICATIONS

... 200 mg

- Do not use in case of known hypersensitivity to tylosin, to other macolides and/or to any of the excipients.
- Do not use in animals with kidney and/or liver failure.
- Do not use in horses or other equines in which the injection of tylosin can be fatal.
- Do not use in case of suspected cross-resistance to other macrolides.

### PRECAUTIONS AND ADVERSE REACTIONS

Local reactions with necrosis and hemorrhaging have been observed frequently. In bovine, an increase in the frequency of the pulse, tachypnea, and vulva swelling has been observed.

### PRESENTATIONS

100 and 250 ml vials.

Registry no. 2669 ESP

Medication subject to veterinary prescription. Administration under veterinary control or supervision.

