

Quick  
absorption



## Tiamulab<sup>®</sup> 125 mg/ml

Oral liquid solution for  
administration in drinking water



### Indicated in respiratory and digestive infections

- ✓ Very effective in the treatment of enzootic pneumonia and pleuropneumonia

### Also indicated for swine dysentery

- ✓ Caused by strains of *Brachyspira hyodysenteriae* sensitive to tiamulin

### High bioavailability

- ✓ It is absorbed rapidly and practically completely after its oral administration

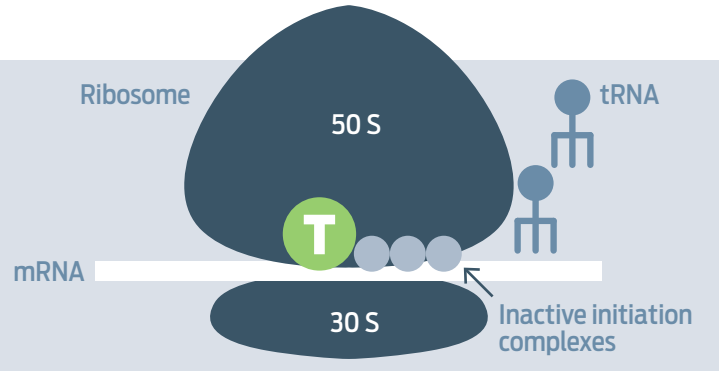
**LABIANA**  
*always works*

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## Mechanism of action of tiamulin

Tiamulin exerts its action by bonding to the subunit 50 S of the bacterial ribosome. It appears that its mechanism of action consists of the production of biochemically inactive initiation complexes that impede the elongation of the polypeptide chain. Thus, it acts as a bacteriostatic at therapeutic concentrations.



### COMPOSITION PER ML

Tiamulin hydrogen fumarate .....125 mg  
(equivalent to tiamulin base 101.2 mg)

### INDICATIONS

#### Porcine:

For the treatment of swine dysentery caused by strains of *Brachyspira hyodysenteriae* sensitive to tiamulin.

For the treatment of pleuropneumonia caused by strains of *Actinobacillus pleuropneumoniae* sensitive to tiamulin.

For the treatment of enzootic pneumonia caused by strains of *Mycoplasma hyopneumoniae* sensitive to tiamulin.

### DOSAGE AND ROUTE OF ADMINISTRATION

#### Treatment of swine dysentery caused by *Brachyspira hyodysenteriae*.

Dose: 8.8 mg of tiamulin base/kg l.w./day (equivalent to 10.87 mg of tiamulin hydrogen fumarate /kg l.w./day, equivalent to 0.086 ml of the medication/ kg l.w./day), for 3-5 consecutive days depending on the severity of the infection and/or of the duration of the disease.

#### Treatment of enzootic pneumonia caused by *Mycoplasma hyopneumoniae*.

Dose: 15.0-20.0 mg of tiamulin base/kg l.w./day (equivalent to 18.53 – 24.7 mg de tiamulin hydrogen fumarate /kg l.w./day; equivalent to 0.148 – 0.197 ml of the medication/kg l.w./day) for 5-10 consecutive days.

#### Treatment of pleuropneumonia caused by *Actinobacillus pleuropneumoniae*.

Dose: 20 mg of tiamulin base/kg l.w./day (equivalent to 24.7 mg of tiamulin hydrogen fumarate /kg l.w./day; equivalent to 0.197 ml of medication/kg l.w./day), for 5 consecutive days.

Administration in drinking water.

The weight of the animals must be determined with the greatest possible accuracy to avoid insufficient dosing.

Water consumption depends on the clinical situation of the animal and on the time of the year. To ensure correct dosing, the concentration of tiamulin in the water will be adjusted taking into account the daily consumption.

$$\frac{\text{ml medication / kg of live weight / day} \times \text{average live weight of animals to be treated (kg)}}{\text{average daily water consumption per animal (litres/animal)}} = \text{ml of medication per litre of drinking water}$$

When large volumes of medicated water must be prepared, first prepare a concentrated solution and then dilute it to the final required concentration. Prepare the solutions of medicated drinking water with tiamulin daily. The medicated water must be the only source of drinking water during the treatment period.

### WITHDRAWAL PERIOD

#### Porcine:

**Meat:** 4 days

### USE IN PREGNANCY AND LACTATION

In swine, the safety of the medication during pregnancy and lactation has not been demonstrated; therefore, it will be used in accordance with the benefit/risk evaluation made by the veterinary in charge.

### CONTRAINDICATIONS

Do not use in case of hypersensitivity to the active substance or to any excipient. Do not use in animals that are receiving ionophore antibiotics.

### ADVERSE REACTIONS

On very rare occasions cutaneous erythema may appear and other reactions of hypersensitivity.

### SPECIAL PRECAUTIONS FOR STORAGE

This veterinary medication requires no special storage condition.

### PRESENTATION

1 litre bottle.

Registry no. 1976 ESP

Medication subject to veterinary prescription.

Administration under veterinary control or supervision.

