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# PHARMACEUTICAL PROPERTIES

Colistin is an antibiotic of the polypeptide family with great activity on gram negative germs, notably colibacilli and salmonella. Its particular mode of action results in the disorganization of the bacterial cytoplasmic membrane by an effect similar to that of a detergent. This effect works on germs in multiplication as well as in resting state. This mode of action greatly reduces the emergence of resistance to this antibiotic. Colistin is very poorly absorbed from the digestive tract, which makes it very effective against gastrointestinal infections. Colistin is also very soluble in water.

### TARGET SPECIES

Poultry and calves.

### INDICATIONS

Treatment of gram-negative gastroenteritis, mainly colibacillosis and salmonellosis.

### ADMINISTRATION AND DOSAGE

Oral use

**Poultry**: in drinking water at a dose of 75,000 IU of colistin per kg of bodyweight per day, ie 250 ml of COLISTA-L / Ton of water / day, for 3 to 5 days consecutive. **Calves**: 50,000 IU of colistin / kg / 12 hours, i.e. 0.25 ml of COLISTA-L / 10 Kg bodyweight, for 3 days, to be mixed either with drinking water or with milk replacer.

# CONTRAINDICATIONS AND INTERACTIONS

Do not use in patients with renal impairment. Colistin has a synergistic action with several other antibacterials such as: Sulfonamides and Trimethoprim. Do not combine with other antibiotics known to be nephrotoxic (aminoglycosides, cephalosporins).



# SIDE EFFECTS

If the doses and contraindications are respected, no side effects are observed in the target species.

### PRECAUTIONS FOR USE

Respect the dosages. Ensure good hydration of animals.

# WITHDRAWAL PERIOD

Meat and offal: 7 days. Eggs: None

# **STORAGE CONDITIONS**

Keep the product in the original packaging, protect from light and at a temperature  $\leq$  25  $^{\circ}$  C.

# PRESENTATIONS

1 liter bottle and 5 liter container