



**Colistin Sulfate 2,000,000 IU**

**COLISYRO®**

**Antibacterial / Oral Solution**



### Each ml of product contains:

Colistin Sulfate (Colistin Base)..... 2,000,000 IU  
Excipient q.s. to .....1 ml

### Target Species: Poultry, Calf and Lambs

#### Mode of action:

Colistin is a polypeptide antibiotic belonging to the group of polymyxins. It acts primarily by binding to membrane phospholipids and disrupting the bacterial cytoplasmic membrane. It induces permeability changes within the bacterial cell which result in its death. Colistin is poorly absorbed from the gastro-intestinal tract thus it shows a remarkable effectiveness against enteric infections. Acquired resistance of gram-negative enteric bacteria to Colistin is rare.

#### Indications:

**COLISYRO®** is very effective against Gram-negative bacteria such as Escherichia coli, Salmonella, Hemophilus, Pseudomonas and etc. For treatment of infections caused by Colistin-sensitive bacteria in poultry, calves and lamb.

#### Contra-indications:

Do not use in case of hypersensitivity to polypeptide antibiotics and Colistin Sulfate.  
Do not use in animals with a seriously impaired renal function or animals with an active microbial digestion.  
Do not use in horses.

### Dosage and mode of administration:

**Poultry:** 250 ml per 1000 liter of drinking water per day for 3 consecutive days (Equivalent 75000 IU of **COLISYRO®** per kg of body weight daily for 3 days).

**Calves and Lambs:** 0.25 ml per 10 kg of body weight twice a day orally for 3 to 5 consecutive days (equivalent 50,000 IU of **COLISYRO®** per kg of body weight each 12 hours).

#### Notice:

Duration and amount of use, should be administered by veterinarian.  
Medicated solution should be freshly prepared daily and consumed within 24 hours.  
After opening the bottle, the contents should be consumed

within 30 days.

Medicated drinking water should be the only water source available.

In order to obtain the correct dosage should be calculated on the recommended dose, and number a weight of the animals to be treated, according to the following formula:

$$\frac{\text{ml product/kg body weight/day} \times \text{average body weight (kg) of the birds to be treated}}{\text{Daily water consumption (Lit) per animal}} = \text{...ml product per lit drinking water}$$

The dosage rates of oral solutions or water soluble powder depending on the amount of up take of medicated drinking can be influenced by factors like ambient temperature (in different seasons hot or cold climate), salt content of food, clinical conditions of animal stocking density, quality and hardness of water.

**Side Effects:** Intestinal microorganisms imbalance or mild diarrhea, may occur.

**Withdrawal Time:** 7 days before slaughtering.

**Precaution:** For veterinary use only. Keep out of reach of children. Wear overalls, impervious gloves, safety glasses and dust mask when handling or mixing the product. If **COLISYRO®** accidentally enters the eyes, wash eyes with plenty amount of water.

**Storage:** Keep in closed original pack, cool and dry place, 10- 25°C. Protect from direct sunlight.

**Shelf life:** 2 years from the date of manufacture.

**Packing:** 1 liter Polyethylene Bottles.

