



Apramycin 50%

**NIYAZOCINE®**

Antibacterial / Water Soluble Powder



### Each kg of product contains:

Apramycin (sulfate) ..... 500 g  
Excipient q.s. to ..... 1000 g

**Target Species:** Poultry (broiler, layer pullets), Calf, Lambs

### Mode of action:

Apramycin is an aminoglycoside antibiotic with bactericidal action. It acts antibacterially through disrupting the protein synthesis on a ribozomic level (through an irreversible connection with 30s the ribosome subunits). Its not so active against anaerobic bacteria because its penetration through the cell membrane is an oxygen-dependent process. When administered orally, it is poorly absorbed from the gastrointestinal tract, which provides a high antibacterial concentration.

### Indications:

Apramycin acts against gram- negative microorganisms such as *Bordetella bronchiseptica*, *E.coli*, *Vibrio coli*, *Klebsiella spp.*, *Pseudomonas aeruginosa*, *Shigella sonnei*, *Salmonella spp.*, *Proteus spp.* and some gram- positive microorganisms; *Staphylococcus aureus* and *Streptococcus haemolyticus*.

Apramycin is administered orally, for treatment of gastro-intestinal tract infections caused by susceptible to Apramycin microorganisms: the most common of *colibacillosis* and *salmonellosis* in calves, lambs and poultry.

### Contraindications:

Do not use in layers producing eggs for human consumption.

### Dosage and mode of administration:

**Poultry:** 500 to 1000 g **NIYAZOCINE®** per 1000 lit of drinking water daily for 7 consecutive days. (equivalent to 25 to 50 mg of Apramycin sulfate active per 1 kg of body weight).

**Calves:** 40-80 g **NIYAZOCINE®** (equivalent to 20 -40 mg of Apramycin sulfate active) per 1 kg body weight daily, for 5 consecutive days.

**Lamb:** 20-40 g **NIYAZOCINE®** ( equivalent to 10 -20 mg of Apramycin sulfate active) per 1 kg body weight daily, for 3-5 consecutive days.

### Notice:

Duration and amount of use , should be administered by veterinarian. Medicated solution should be freshly prepared daily and consumed within 24 hours. Medicated drinking water should be the only water source available. 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 (warm or cold weather), salt content of food, clinical conditions of animal, stocking density, quality and hardness of water.

### Withdrawal Time:

**Poultry (meat): 7 days | Calves and lamb (meat): 28 days**

**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 **NIYAZOCINE®** accidentally enters the eyes wash eyes with plenty amount of water.

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

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

**Packing:** 100g three-layers aluminum laminated foil.

