

BIOENRADIN[®]
Powder for oral administration

Description

Yellowish-white powder.

Composition

1 g of the drug contains:

active ingredient: enramycin – 20 mg;

excipient - semolina.

Pharmacological properties

Enramycin is an antibiotic of the polypeptides group, which makes bactericidal effect, mostly – upon gram-positive microorganisms (*Clostridium perfringens*, *Streptococcus spp.*, *Staphylococcus spp.*). It is not absorbed from the digestive tract; therefore, it makes impact exclusively upon intestinal microflora. It inhibits growth of bacteria producing ammonia, facilitating reduction of the ammonia level in digestive tract and blood. The mechanism of action is related with impairment of cell membrane function of microorganisms through inhibition of synthesis of peptidoglycan in bacterial cell walls.

The resistance of bacteria to enramycin develops slowly. No resistance of *Clostridium perfringens* is observed. No cross-resistance between enramycin and other antibacterial preparations is observed in microorganisms.

Administration

Treatment of poultry and swine against diseases of digestive tract caused by enramycin-sensitive microorganisms.

Dosage

The drug is applied by group method mixed with the feed in the following doses:

- young poultry: 500 g/t of feed throughout the growing period;
- laying hens and broiler parental stocks: 400-500 g/t of feed.
- suckling and growing piglets: 800 g/t of feed;
- fattening piglets, main sows and boars: 600 g/t of feed;
- pregnant and lactating sows: 1200 g/t of feed.

Contraindications

Do not use to treat animals with hypersensitivity to enramycin.

Precautions

Do not use the drug in sub-therapeutic doses.

Packaging

Packages of film or foil materials of 1 000 g; bags of 25 kg.

Storage

Store in a dry dark place out of the reach of children at 5-30°C.

Shelf life

2 years.