INSTRUCTIONS
for Use of the Veterinary Drug Amoxycillinum-L 80%

1. General Information

1.1. The veterinary drug Amoxycillinum-L 80%.
International non-proprietary name of the active pharmaceutical substance: amoxicillin.

Dosage form: powder for oral administration.

1.2. The veterinary drug Amoxycillinum-L 80% (hereinafter referred to as the drug) is a powder that varies in color from white to off-white-yellow.

1.3. The drug contains 800 mg of amoxicillin trihydrate as the active ingredient per 1 g, along with excipients: dextrose, sodium carbonate.

1.4. The drug is packaged in metallized polyethylene film bags with net weights of 100, 500, and 1000 g.

1.5. Store with caution (List B) in a dry place, protected from light, at a temperature of +5°C to +25°C. Keep out of reach of children.

1.6 Shelf life: two years from the date of manufacture. Do not use after the expiration date.

2. Pharmacological Properties

2.1. Amoxicillin trihydrate is a semi-synthetic antibiotic from the penicillin group. It has a broad bactericidal effect against both Gram-positive (*Actinomyces spp.*, *Clostridium spp.*, *Corynebacterium spp.*, *Erysipelothrix rhusiopathiae*, *Listeria monocytogenes*, *Staphylococcus spp.*, *Streptococcus spp.*) and Gram-negative microorganisms (*Actinobacillus spp.*, *Bordetella spp.*, *Escherichia coli*, *Salmonella spp.*, *Fusobacterium spp.*, *Haemophilus spp.*, *Pasteurella spp.*, *Proteus spp.*). The drug is ineffective against penicillinase-producing strains of microorganisms from the genera *Klebsiella*, *Enterobacter*, and *Pseudomonas*.

2.2. Amoxicillin trihydrate is well absorbed in the gastrointestinal tract and rapidly distributes throughout the body. The maximum concentration in serum is reached within 1.5–2 hours and remains at therapeutic levels for at least 12 hours after administration. It is primarily excreted from the body in urine in its unchanged form.

3. Directions for Use

3.1. The drug is used for the treatment of young cattle, pigs with gastrointestinal tract infections (salmonellosis, colibacteriosis, etc.), respiratory tract diseases (pneumonia, bronchopneumonia of bacterial etiology), urinary tract infections, as well as in poultry for gastrointestinal diseases caused by microorganisms sensitive to amoxicillin.

3.2. For calves and pigs, the drug is administered orally mixed with feed, milk, or water twice daily for 3–5 days at a dose of 0.10–0.15 g per 10 kg body weight. For pigs up to six months of age, the drug can be administered at 10–15 g per 100 liters of water; for pigs over six months of age, 15–30 g per 100 liters of water.

For poultry (broiler chicks, replacement layers, goslings, turkey poults, and ducklings) under four weeks of age, the drug is administered at a dose of 6–12 g per 100 liters of water, and for birds over four weeks old, the dose is 10–20 g per 100 liters of water, for 3–5 days, with drinking water as the sole source of liquid.

3.3. All the drug's quantity is first dissolved in a small amount of water (7–10 liters) with a pH of 6.0–8.0 (using 0.1N NaOH or KOH), adding water to the drug, then diluting the resulting solution with water (pH 6.0–8.0) to 100 liters. The prepared solution should be used within 24 hours.

3.4. The drug is not recommended for animals with a known individual sensitivity to penicillins.

It is prohibited to use the drug together with tetracyclines, amphenicols, macrolides, lincosamides, and sulfonamides.

3.5. The drug should not be used in laying hens whose eggs are intended for human consumption.

3.6. When used at recommended doses, the drug does not have adverse effects. However, in animals with increased sensitivity to beta-lactam antibiotics (penicillins, cephalosporins), allergic

reactions may occur. In this case, the drug should be discontinued, and antihistamines and calcium preparations should be administered.

3.7. Slaughter of animals and poultry for meat is allowed no earlier than 15 days after the last application of the drug. In case of forced slaughter before the specified period, the meat may be used to feed carnivorous animals.

4. Precautionary Measures

4.1. When working with the drug, general personal hygiene and safety measures should be followed.

5. Claims Procedure

5.1. In the event of complications following the use of the drug, its administration should be discontinued, and the consumer must contact the State Veterinary Institution in their area. Veterinary specialists of this institution shall assess whether all instructions for the use of the drug were properly followed. If the adverse effect of the drug on the animal is confirmed, the veterinary specialists shall collect samples in the required quantity for laboratory testing – no fewer than 3 unopened packages or containers of the drug from the batch that caused the complication. A sample collection report is then prepared and sent to the State Institution "Belarusian State Veterinary Center" for compliance verification with regulatory documentation (220005, Minsk, 19A Krasnaya St., Tel.: 290-42-75).

6. Manufacturer Information

6.1. Production Cooperative "Biogel".

Legal address: Republic of Belarus, 220035 Minsk, Timiryazeva St. 65, office 313.

Production site address: Republic of Belarus, 222680, Minsk Region, Stolbtsy District, Derevno village.

Manufactured by order of the Private Production and Trading Unitary Enterprise "Letyal", Republic of Belarus, 220075, Minsk, Engineer St. 1E.

The instructions for the use of the drug were developed by the PC "Biogel" (L.E. Yanushevskaya) and the Private Enterprise "Letyal" (A.N. Bezborodkin).