APPROVED BY
Council for Veterinary Drugs
minutes dated October 28, 2021 No. 117

Instructions
for use of the veterinary drug
Sulfaprim Aqua-TRV

1 General information

1.1 Sulfaprim Aqua-TRV (Sulfaprimum Aqua-TRV).
International non-proprietary name of the active pharmaceutical ingredients: sulfadimidine, trimethoprim.
1.2 The drug is light yellow to dark yellow liquid. A slight precipitation is allowed during storage. Dosage form: oral solution.
1.3 1 ml of the drug contains 200 mg of sulfadimidine, 40 mg of trimethoprim, as well as excipients (dimethylacetamide, methylpyrrolidone, polyvinylpyrrolidone, polysorbate 80, disodium salt of ethylenediaminetetraacetic acid, propylene glycol) and solvent (highly purified water).
1.4 The drug is packaged in a 100.0; 500.0 ml and 1.0; 3.0; 5.0; 10.0; 15.0; 20.0; 25.0 l polymer package.
1.5 The drug is stored in the manufacturer's packaging according to list B, in a dry, dark place at a temperature of plus 5°C to plus 25°C.
1.6 Expiration date is three years from the date of manufacturing, subject to the conditions of storage and transportation. After the first opening of the package - not more than 5 days. Do not use after the expiration date. The unused drug is disposed of in accordance with legal requirements.

2 Pharmacological properties

2.1 Active substances exhibit synergy, the drug acts bactericidal against gram-negative (Escherichia coli, Klebsiella spp., Proteus spp., Campylobacter spp., Pseudomonas aeruginosa, Bordetella spp., Pasteurella spp., Haemophilus spp., Actinobacillus spp.) and gram-positive bacteria (Staphylococcus spp., Streptococcus spp., Listeria monocytogenes, Corynebacterium spp.), Eimeria, Chlamydia, Mycoplasmas.
2.2 Sulfadimidine, as part of the drug, is an antibacterial agent from sulfonamides group. The mechanism of action is due to competitive antagonism with para-aminobenzoic acid, inhibition of dihydropteroate synthetase, impaired synthesis of tetrahydrofolic acid, which is necessary for the synthesis of purines and pyrimidines.
Diaminopyrimidine derivative, trimethoprim, has a slow bactericidal effect; it reversibly inhibits bacterial dihydrofolate reductase, disrupts the synthesis of tetrahydrofolic acid from dihydrofolic acid, the formation of purine and pyrimidine bases, nucleic acids, thereby inhibiting the growth and reproduction of microorganisms.
The combination of trimethoprim with sulfadiazine is characterized by a bactericidal effect and a wide spectrum of activity, including microflora resistant to many antimicrobial drugs.
2.3 After oral administration of the drug, sulfadimidine and trimethoprim are absorbed in the gastrointestinal tract and penetrate into all organs and body tissues, reaching maximum concentrations in blood serum after 2-3 hours. Therapeutic concentration is maintained for 24 hours after administration.
The drug is excreted from the body with urine and feces, in lactating animals - partly with milk, in birds - with eggs. In case of impaired liver and kidney function, an increase in the elimination period is possible.

3 Method of administration

3.1 The drug is used to treat calves, lambs, horses, pigs and poultry with echirichiosis, pasteurellosis, campylobacteriosis, staphylococcosis, streptococcosis, listeriosis, eimeriosis, chlamydia, mycoplasmosis. bordetellosis, swine hemophilosis and other infections of bacterial etiology, the pathogens of which are sensitive to the components of the drug.
3.2 The drug is administered orally for 3-5 days in the following doses:
- calves and lambs (up to 3 months of age), horses - individually 1-2 ml per 16 kg of animal body weight twice a day with a small amount of drinking water, milk, skim milk, whole milk substitute;
- pigs - individually 1-2 ml of the drug per 16 kg of animal body weight with a small amount of feed or water. Group method - 0.5-1 l of the drug per ton of drinking water;
- poultry (broiler chickens, breeding birds, replacement chickens and turkeys) up to 4 weeks of age - 0.0625-0.125 ml per 1 kg of bird weight or 0.25-0.5 liters per ton of drinking water, older than 4 weeks - 0.0625 ml per 1 kg of bird weight or 0.5-1 liter per ton of drinking water. In case of bird eimeriosis, the dose of the drug is 2 liters per ton of drinking water.

With salmonellosis, mixed infections, as well as with chronic forms of poultry diseases, the course of treatment is extended to seven days. During the treatment period, animals and birds should receive only water containing the drug. The prepared solution of the drug must be used within 24 hours.

3.3 With increased individual sensitivity of animals to sulfonamides, loss of appetite, diarrhea and vomiting are possible. In case of allergic reactions, the drug is discontinued and antihistamines and calcium drugs are prescribed, and plenty of fluids intake is recommended.
3.4 Concomitant use of the drug with sulfur preparations, derivatives of para-aminobenzoic acid (novocaine, anestezin) is contraindicated.
3.5 The drug is prohibited for use in animals with developed cicatricial digestion, goats, pregnant and lactating females of all animal species.
3.6 It is forbidden to administer the drug to birds, if their eggs are used as human food.
3.7 Slaughter of animals and poultry for meat is allowed no earlier than 10 days after the last use of the drug. The meat of animals and poultry forced to be killed earlier than the specified period, can be used to feed carnivores.

4 Preventive measures

4.1 When working with the drug, personal hygiene measures and safety regulations shall be observed.

5 Claim procedure

5.1 In case of complications after the use of the drug, its administration is discontinued, and the consumer shall contact the State Veterinary Institution according to the location.
Veterinary specialists of this institution shall study the compliance with all the rules for the use of the drug in accordance with the instructions. When confirming the detection of an adverse effect of the drug on the animal's body, veterinary specialists shall take samples in the required quantity for laboratory tests, develop a sampling report and send it to the State Institution "Belarusian State Veterinary Center" (220005, Minsk city, 19A Krasnaya str.) for confirmation of compliance with regulatory documents.

6 Full name of the manufacturer

6.1 Limited Liability Company "Stovek", the Republic of Belarus, 222660, Minsk region, Stolbtsy, 2 Zadvoryenskaya str.
The Instructions for use of the drug was developed by the employees of Stovek LLC (Piotukh A.S., Plomodjalov D.A.)

/Stamp:
Department of Veterinary and Food
Supervision of the Ministry of Agriculture and
Food of the Republic of Belarus
Council for Veterinary Drugs
APPROVED,
Chairman /signed/
Secretary /signed/
Expert /signed/
28.10.2021 minutes No. 117/