

HEPATONIC®

Solution for oral administration

Description

Transparent pink solution.

Composition

1 ml of the drug contains:

active ingredients: carnitine hydrochloride – 50.0 mg; cyanocobalamin (vitamin B₁₂) – 0.03 mg; calcium pantothenate – 7.5 mg; nicotinamide – 20.0 mg; magnesium sulfate – 200.0 mg; sorbitol – 250.0 mg; succinic acid – 20.0 mg;

excipient - purified water.

Pharmacological properties

Hepatonic® is a complex stimulating drug, which effect is aimed to improve metabolic body functions in animals, increase body resistance, prevent fatty liver syndrome, increase in feed conversion factors, general metabolic rate etc.

Carnitine is a product of biosynthesis of lysine and methionine. Carnitine stimulates processes of utilization of excess of fatty acids and intracellular energy transport, facilitates increase in secretion and activity of digestive glands enzymes, improves appetite, facilitates increase of body weight.

Cyanocobalamin has a pronounced lipotropic effect, prevents fatty liver infiltration, makes positive impact upon synthesis of labile methyl groups, activates production of methionine, choline, nucleic acids. It demonstrates anabolic effect: enhances synthesis of proteins and facilitates their accumulation. It also boosts immunity due to increase of phagocytic activity of leukocytes and promotion of reticuloendothelial system activity.

Calcium pantothenate in the body transforms into pantethine, which composes coenzyme A, which, in its turn, is involved in metabolism of proteins, lipids and carbohydrates. It accelerates processes of oxidation and biosynthesis of fatty acids, synthesis of acetylcholine, steroid hormones and mucopolysaccharides.

Nicotinamide stimulate synthesis of nicotinamide adenine dinucleotide (NAD) and nicotinamide adenine dinucleotide phosphate (NADP), which are cofactors of numerous enzymes. It is present in oxidation-reduction reactions in forms of NAD and NADP, where it ensures normal course of different types of metabolism, particularly – energetic metabolism.

Magnesium sulfate regulates metabolism processes, neurochemical transmission and muscular irritability. In minor doses it increases appetite and improves digestion. It demonstrates strong choleric action.

Sorbitol is an energetic agent, which facilitates increase of glycogen in liver.

Succinic acid improves energetic metabolism in cells and is used for improvement of blood flow and general strengthening of the body.

Administration

Hepatonic® is used to increase total body resistance, stimulate metabolism in order to reduce risk of fatty liver syndrome, reduce negative impact of stresses during transportation, vaccination, dietary changes etc., as well as to accelerate growth during fattening. The drug increases feed digestion and stimulates digestion processes, thus, improves the feed conversion ratio.

Dosage

Administer orally with drinking water or feed for 5-10 days in the following doses:

poultry of any species and age group: 1-2 ml of the drug per 1 l of drinking water daily.

swine: young pigs: 1-2 ml of the drug per 1 animal daily; *adults*: 15-40 ml of the drug per 1 animal daily.

The duration of treatment may be extended up to 21 days if required.

Contraindications

Do not prescribe concurrently with tetracycline antibiotics and during vaccination with oral vaccines. Do not use to treat animals with hypersensitivity to the drug components.

Precautions

No precautions.

Packaging

Cardboard boxes with 10 vials of 10 ml each, plastic vials of 1 l and cans of 5 l.

Storage

Store in original packaging in a dry, dark place out of the reach of children at 15-25°C.

Shelf life

2 years.

24 hours after dissolution in water.