

HEPATONIC® FORTE

Solution for injections

Description

Transparent pink solution.

Composition

100 ml of the drug contains:

active ingredients: carnitine hydrochloride – 5 g; cyanocobalamin (vitamin B₁₂) – 3 mg; calcium pantothenate – 0.75 g; nicotinamide – 2 g; thiamine hydrochloride – 1 g; pyridoxine hydrochloride – 0.3 g; biotin – 12.5 mg;

excipient - water for injections.

Pharmacological properties

ATC vet: **QA11AB**. Multivitamins, other combinations.

Hepatic® Forte 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 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.

Thiamine (vitamin B₁) is required for oxidation decarboxylation of keto acids, synthesis of acetylcholine, carbohydrate, energetic, lipid, protein, water-salt metabolisms; it regulates functioning of nervous system, takes part in blood formation, increases body mass growth and gaining rates and increases appetite.

Pyridoxine (vitamin B₆) is involved into proteins, lipids and carbohydrates metabolism, synthesis of adrenaline, serotonin and other neurotransmitters, breakdown of glycogen and metabolism of amino acids.

Biotin makes impact upon processes of metabolism, takes part in carboxylation, decarboxylation, deamination of proteins and carbohydrates and lipid metabolism and is a component required for neurotrophic processes and cell differentiation.

Administration

Hepatic® Forte is used to increase total body resistance, stimulate metabolism, 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 intramuscularly in the following doses:

cattle: 1 ml per 20-40 kg body weight daily for 5-10 days.

swine: 1 ml per 30-40 kg body weight daily for 5-10 days.

Contraindications

Do not prescribe to animals with hypersensitivity to the drug components.

Precautions

No precautions. Withdrawal period – 0 days.

Packaging

Glass vials with sealed rubber stoppers and aluminum cap of 100 ml.

Storage

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

Shelf life

2 years.

72 hours after vial opening.