COMPOSITION

Oxytetracycline HCl 60 mg – Vitamin A 5 000 I.U. – Cholecalciferol (Vit. D3) 1 750 I.U. – α -Tocopherol acetate (Vit. E acetate) 3.5 mg – Menadion nicotinamide bisulphate stabilised (eq. Vit. K 2.8 mg) 6.364 mg – Thiamine hydrochloride (Vit. B1) 0.5 mg – Riboflavine (Vit. B2) 3 mg – Nicotinamide 15 mg- Pyridoxine hydrochloride (Vit. B6) 0.3 mg – Cyanocobalamin (Vit. B12) 2.5 μ g – Ascorbic acid (Vit. C) 12 mg - Calcium Pantothenate 3 mg – folic acid 0.1 mg – Choline L-bitartrate 12 mg – Excipients up to 1 g.

DESCRIPTION

Oxytetracycline is a broad spectrum antibiotic that at normal doses shows bacteriostatic activity against many Gram-positive bacteria, Gram-negative bacteria, against spirochetes, rickketsia, mycoplasmas, chlamydia (Psittacose group) and some protozoa. Oxytetracycline is active against the following pathogenic microorganisms in poultry: *Mycoplasma synoviae*, *M. Gallisepticum*, *M. Meleagridis*, *Hemophilus gallinarum*, *Pasteurella multocida*. Of primary importance is plasmid mediated resistance. There is complete cross-resistance with other antibiotics of the tetracycline group.

Vitamin A is indispensible for normal night vision and has an essential role in normal growth and bone development, maintenance of healthy epithelial tissues, embryonic development and bone development, immunity, formation of red blood cells.

Vitamin D has an essential role in calcium and phosphorus homeostasis and bone mineralisation. It is also involved in the development of immunity and haematopoiesis.

Vitamin E has antioxidant functions and is involved in the protection against peroxidative deterioration of polyunsaturated phospholipids in cellular membranes.

Vitamin K3 is indispensible in synthesis of prothrombine and thus blood clotting.

The vitamins of the B-group play important roles in the intermediary metabolism of carbohydrates, fats and proteins, and also in the synthesis of ribonucleotides (DNA, RNA), mainly after conversion to their respective coenzymes.

Vitamin C (ascorbic acid) has an essential role as a cofactor in the biosynthesis of collagen, in the synthesis of adrenocortical steroidsm in capillary formation, haematopoiesis, and eggshell formation. It is also important for the resistance against infections and stress.

INDICATIONS

OTC Plus is indicated for the treatment and control of a wide range of antibacterial infections including the treatment of Coliform septicaemia, fowl cholera, fowl typhoid and control of secondary infections associated with chronic respiratory disease in poultry.

CONTRA-INDICATIONS

Administration to animals with a previous history of hypersensitivity towards tetracyclines.

DOSAGE AND MODE OF ADMINISTRATION

For oral administration.

Prevention: 50 g OTC Plus in 45 litres drinking water for 7 days

Treatment: 200 g OTC Plus in 45 litres drinking water for 7 days

SPECIAL PRECAUTIONS AND WARNINGS

In farms where tetracycline antibiotics are regularly used, it is advised to control susceptibility of presumable pathogens by means of an antibiogram. Drinking water facilities (tanks, conduit pipes, nipples, etc.) should be cleaned properly after cessation of medication. Facilities completely separate from the normal drinking water provisions are advised.

PACK SIZE

100g, 1 kg

维尔利

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