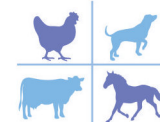


TYLOMAK-H

Tylosin Phosphate.....10%
Herbal carrier q.s.



TYLOMAK-H



Tylomak-H is a macrolide antibiotic Isolated from *Streptomyces fradiae*. in a chick necrotic enteritis model. Tylosin phosphate has been shown to reduce the percentage of the general mucolytic bacteria and the concentration of *C. perfringens* resulting in a decrease in necrotic enteritis lesions. The compound also has been shown to have antibacterial activity towards sensitive *Mycoplasma* attributed to sinus infections and respiratory disease in turkeys and chickens respectively.

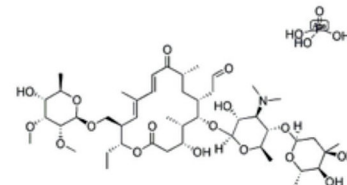
(Ref: Hamill, R.L., et al. 1961. Antibiot Chemother. 11: 328-334. PMID: 13711004 & Collier, C.T., et al. 2003. Antimicrob. Agents Chemother. 47: 3311-3317. PMID: 14506046).

Composition

Each kg of Tylomak-H Contains:

Tylosin Phosphate.....10%

Herbal carrier q.s.



Antibacterial Activity

Tylosin is a macrolide antibiotic with a bacteriostatic effect by reversibly bind to the 23S rRNA in the 50S ribosome subunit and Inhibit mRNA-directed protein synthesis. Act against Gram-positive and some Gram-negative microorganisms Streptococcus spp., Staphylococcus spp., Erysipelothrix spp., Corynebacterium spp., Brachyspira, Serpulina (Treponema) hyodysenterae, Borrelia, Spirochaeta spp., Campylobacter (Vibrio) coli, Pasteurella spp., Brucella spp., Rickettsia spp., Mycoplasma spp., some large viruses, including also some anaerobic microorganisms (Fusobacterium spp., Bacteroides spp.), etc. It is active against Chlamidia spp. as well. Tylosin does not have antimicrobial activity directly on the bacteria of the family Enterobacteriaceae E. coli, Salmonella spp., but reveals an antiadhesive activity (hindering their adhesion on the intestinal villi and their penetration through the intestinal mucous membrane and impeding their colonization's phase as well).

Tylosin proves also an anticoccidial activity mostly against Eimeria tenella. It also improves weight gain and feed conversion efficiency. Applied orally, the antibiotic is absorbed by the gastrointestinal tract and penetrates in the target organs and tissues. Excretion is mainly through urine, bile and eggs . It is compatible with tetracycline, sulphonamides, spectinomycin and the common dietary components of the feeds.

INDICATIONS

For prevention and treatment of infections caused by tylosin-sensitive pathogenic microorganisms: Mycoplasmosis, Chronic Respiratory Disease, and Infectious Synovitis in chickens and turkeys; Infectious Sinusitis in turkeys; Spirochetosis (Borreliosis) in chickens; Dysentery in pigs

Advantages

Breeders:

- Reduces production fluctuation and thereby increases number of hatching eggs.
- Improves hatchability.

Commercial Layers:

- Reduces feed consumption per dozen of eggs.
- Better shell quality.
- More number of eggs.

Commercial Broilers:

- Better Growth by controlling Clostridial infection.
- Controls Chronic Respiratory disease by acting against mycoplasma Sp.

Feeding Directions

Mix 500gm – 1kg per ton of complete feed.

Presentation

25kg HDPE drum.

Self life

24 Months from Date of Manufacture



For further information, please contact:

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