



Vetmulin[®]

Tiamulin hydrogen fumarate - 10%, 45%, 80%

INTRODUCTION

Vetmulin® contains Tiamulin hydrogen fumarate a semisynthetic derivative of the diterpene antibiotic of the pleuromutilin family. It is used primarily for the prevention and control of chronic respiratory diseases caused by *Mycoplasma* spp. (*Mycoplasma gallisepticum*, *M. synoviae*, *M. meleagridis*, *M. iowae*). Vetmulin® is also active against most Gram-positive organisms e.g. *Staphylococci* and *Streptococci*, *Haemophilus* spp. and obligate anaerobes.

- Effective against mycoplasmal and bacterial infection.
- Quick absorption, maintains high therapeutic levels for a 24-hour period.
- Penetrates the target tissues very effectively.
- Well tolerated by target animals.
- Helps in improving feed conversion efficiency.
- Works against microorganisms resistant to macrolides.
- No withdrawal period.
- Enhances anti-microbial activity when used in combination with Oxytetracycline / Chlortetracycline.
- Controls morbidity and mortality due to CRD.

MODE OF ACTION

The antibacterial effect of Tiamulin is mainly bacteriostatic, through selective inhibition of bacterial protein synthesis at 50S and the 70S ribosome subunit, with the binding site on the large subunit, near the peptidyl transferase centre, as a result bacterial protein synthesis is stopped.

COMPOSITION (Each 100 g contains)

Vetmulin® 10% Premix

Tiamulin hydrogen fumarate	10 g
Excipients	Up to 100 g

Vetmulin® 45% Premix and water soluble granules

Tiamulin hydrogen fumarate	45 g
Excipients	Up to 100 g

Vetmulin® 80% Premix and water soluble granules

Tiamulin hydrogen fumarate	80 g
Excipients	Up to 100 g

FOR PREVENTION AND TREATMENT OF RESPIRATORY AND ENTERIC DISEASES IN POULTRY

INDICATIONS

Vetmulin® helps in preventing chronic respiratory diseases caused by *M. gallisepticum*, *M. synoviae* and complicated by other respiratory viruses, secondary infection, vaccinations and management factors.

ADVANTAGES

In Breeders

- No resistance development
- Tissue penetration is very high
- Protection of the developing chicks

In Commercial Layers

- Improves egg production
- Highly effective against *Mycoplasma gallisepticum*

In Commercial Broilers

- Improves growth rate and FCR
- Helps in prevention of CRD, hence, minimizes the losses
- Compatible with lasalocid, semduramicin and maduramicin

DOSAGE

For Prevention

- 15 mg/kg BW for 3-5 days and repeat every 4-6 weeks.

For Treatment

- 30 mg/kg BW for 3-5 days.

OR AS RECOMMENDED BY THE VETERINARIAN.

APPLICATION

- Vetmulin® 10% should be administered through feed.
- Vetmulin® 45% and Vetmulin® 80% can be given through feed as well as drinking water.

CONTRAINDICATION

Do not use Vetmulin® with high concentration of ionophoric anti-coccidial molecules especially with Salinomycin, Narasin and Monensin.

WITHDRAWAL PERIOD

Eggs - 0 days

Broilers - 3 days

User warnings

Because of the possibility of contact dermatitis and irritation of the skin, eyes or respiratory tract, direct contact during administration should be avoided.

- * Used references can be requested on demand.
- * Vetmulin® brochure is following the authorized EU SPC.

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