

## Tialin<sup>®</sup> S vet

### Tiamulin Hydrogen Fumarate 45% oral powder

#### DESCRIPTION

**Tialin<sup>®</sup> S vet** is a sweet tasted water soluble powder containing Tiamulin hydrogen fumarate. Tiamulin is active against pathogenic mycoplasma and some Gram-positive & Gram-negative bacteria. Tiamulin hydrogen fumarate is well absorbed from the gastrointestinal tract within 30 minutes. The excretion of its metabolites is mostly through bile and faeces.

#### COMPOSITION

Each gram powder contains  
Tiamulin hydrogen fumarate BP 450 mg.

#### MODE OF ACTION

**Tialin<sup>®</sup> S vet** powder binds with bacterial 50s ribosomal subunit & inhibits protein synthesis by inactivating 50s ribosomal subunit. As a result, microorganism cannot survive.

#### INDICATION

**Tialin<sup>®</sup> S vet** powder is used for the treatment and control of respiratory infection associated with Tiamulin hydrogen fumarate susceptible microorganisms such as-

- ✓ *Mycoplasma gallisepticum*
- ✓ *Mycoplasma synoviae*
- ✓ *Staphylococcus* spp.
- ✓ *Streptococcus* spp.
- ✓ *Clostridium perfringens*
- ✓ *Pasteurella* spp.
- ✓ *Haemophilus* spp.
- ✓ *Escherichia coli* etc.

#### DOSAGE AND ADMINISTRATION

	Prevention		Treatment
	Water	Feed	Water
<b>Tialin<sup>®</sup> S vet</b>	1gm/4Liter drinking water for 3-5 days	35-40gm/100kg feed for 3-5 days	1gm/2-3 Liter drinking water for 3-5 days
Tiamulin Hydrogen Fumarate	12.5-15mg/kg body wight for 3-5 days		25-30mg/kg body wight for 3-5 days

Or, as per direction of registered Veterinarian/Consultant.

#### CONTRAINDICATION

Tiamulin Hydrogen Fumarate should not be used with coccidiostats like Monensin, Narasin and Salinomycin.

## **DRUG INTERACTIONS**

Partial cross resistance between Tiamulin hydrogen fumarate and Tylosin tartrate has been reported. Micro-organisms that are resistant to Tiamulin are also resistant to tylosin tartrate, but not vice versa.

## **PRECAUTION**

Prepare fresh solutions of drinking water every day. Medicated water should be given in the morning. After consumption of the medicated solution, plain drinking water is required. Direct contact of the powder with the skin or mucous membrane may cause irritation.

## **WITHDRAWAL PERIOD**

Meat: 1 day; Egg: 0 day

## **STORAGE**

Store below 30 °C temperature, Keep away from light and wet place. Keep out of reach of children. Once opened the sachet should be used quickly

## **PACKAGING**

**100 gm sachet:** Each gram powder contains Tiamulin hydrogen fumarate BP 450 mg