

118x188mm

Tylosel INJECTION

For Veterinary Use Only

COMPOSITION:

Each ml contains

Tylosin as Tartrate.....200mg

INDICATIONS:

Tylosel injection is indicated for treatment of pneumonia, shipping fever, bovine respiratory complex, calf diphtheria, mastitis, metritis, leptospirosis, clostridia, spirochetal and mycoplasma infection in domestic animals. In poultry Tylosel injection is indicated for treatment of CRD, infectious sinusitis and other secondary bacterial infections.

PHARMACODYNAMICS:

Tylosin is a macrolide antibiotic, which is effective against Gram-positive bacteria like Staphylococcus, Streptococcus, Actinomyces, Clostridium, Micrococcus and Gram-negative bacteria like Pasteurella, Moraxella, Haemophilus, Bordetella, Escherichia coli, Salmonella and Mycoplasma species. At recommended doses, tylosin act as bacteriostatic antibiotic. Tylosin inhibits the protein synthesis of susceptible microorganism by binding to 50-S subunit of ribosomes.

Chromosomal mutation to resistance may develop rather fast for tylosin, although such resistance is relatively unstable. Extra-chromosomal plasmid mediated resistance against macrolide antibiotics also occurs.

PHARMACOKINETICS:

After intramuscular injection, tylosin tartrate is well absorbed from the injection site. A maximum plasma level is attained after about 3 hours. Tylosin is an organic base that is moderately bound by serum proteins (30-40%) and possesses a high degree of lipid solubility. Therefore, it is well

distributed through the body, with concentrations in tissues and biological fluids exceeding several times the plasma levels. Tylosin is extensively metabolized in the liver and excreted with bile and urine.

DOSAGE AND ADMINISTRATION:

Administer the following dose by IM, SC or slow intravenous injection.

Poultry: 20mg per kg body weight.

1ml per 1-2 liters of drinking water.

Cattle/Buffalo/Sheep/Goat: 10mg per kg body weight.

Animals	Weight	Dose
Poultry	1 Kg	0.1ml
Sheep & Goats	40 Kg	2ml
Cattle	250 Kg	12.5ml
Buffalos	400 Kg	20ml

Repeat dosage after 12 hours interval if necessary.

Temporary irritation and swelling may occur at injection site.

PRECAUTIONS:

Store between 15-25°C in a cool and dry place.

Use with care in animals with impaired renal function. Keep out of the reach of children.

Consult the veterinarian before use.

WITHDRAWAL TIME:

Meat: 7 days, Milk 4 days.

BP Vet. Specs.



Manufactured by:
Selmore
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