Tylowan-G INJECTION

ٹائیلوان۔جی انجکشن

۵۰ ملی لیٹر

(Tylosin 10% & Gentamicin 5%)

50ml

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Tylowan G, injection for livestock

2. QUALITATIVE AND QUANTITATIVE COMPOSITION:

1 mL contains:

- Tylosin (as Tartrate): 100 mg
- Gentamicin (as Sulphate): 50 mg

4. CLINICAL DATA

4.1. Target Animal Species

Cattle and Poultry

4.2. Indications for Use, Specifying the Target Animal Species

Tylowan-G is indicated for the treatment of respiratory (pluritis, upper respiratory, lower respiratory tract infection), gastrointestinal (gastritis, enteritis), and mycoplasma infections caused by susceptible strains of bacteria, including:
- Cattle: Respiratory infections, foot rot, and enteritis.
Poultry: Chronic respiratory disease (CRD), Mycoplasma gallisepticum, and enteritis.

4.3. Contraindications

- Do not use in animals with known hypersensitivity to Tylosin, Gentamicin, or other macrolides or aminoglycosides.
- Not to be used in animals with severe renal impairment.
- Avoid use in animals with known resistance to Tylosin or Gentamicin.

4.4. Special Warnings for Specific Target Animal Species

None.

4.5. Special Precautions for Use

- Special precautions for use in animals: Tylowan G should be used cautiously in animals with renal impairment. Treatment should be based on susceptibility testing of isolated pathogens.
- Special precautions to be taken by the person administering the veterinary medicinal product to animals: Penicillin and cephalosporin may cause allergic reactions. Avoid direct contact with the skin, eyes, or mucous membranes. In case of accidental contact, wash the area thoroughly with water. If an allergic reaction occurs, seek medical advice immediately.

4.6. Adverse Reactions (Frequency and Severity)

- Possible local reactions at the injection site.
- Rarely, allergic reactions may occur in sensitive animals.

4.7. Use During Pregnancy, Lactation, or Egg Laying

- Tylowan G can be used during pregnancy and lactation under veterinary supervision.

4.8. Interactions with Other Drugs and Other Forms of Interaction

- Avoid concurrent use with nephrotoxic drugs, aminoglycosides, or other macrolides.

4.9. Dosage and Method of Administration

- Cattle: 1 mL per 25-30 kg body weight, administered intramuscularly once daily for 3-5 days.
- Sheep and Goat: 1 mL per 20 kg body weight, administered intramuscularly once daily for 3-5 days.
- Poultry: 1 mL per 15 kg body weight, administered continuously for 3-5 days.
- Note: Adjust dosage according to the severity of the infection and based on veterinary advice.

4.10. Overdose (Symptoms, Emergency Procedures, Antidotes), If Necessary

- Overdose is unlikely. However, if it occurs, symptomatic treatment should be provided. Monitor renal function in case of overdose.

4.11. Withdrawal Period

Meat: 7 days before slaughter.
Milk: 3 days after the last treatment.

5. PHARMACOLOGICAL PROPERTIES

Pharmacotherapeutic group: Antibacterial for systemic use, macrolides and aminoglycosides.

Pharmacodynamics:
Tylosin Tartrate is a macrolide antibiotic with bacteriostatic properties, primarily effective against Gram-positive bacteria and some Gram-negative organisms. Gentamicin Sulphate is an aminoglycoside antibiotic that exerts bactericidal action by inhibiting protein synthesis in susceptible bacteria.

Pharmacokinetics:
After intramuscular administration, both Tylosin and Gentamicin are rapidly absorbed, achieving effective plasma concentrations within a short time. They are widely distributed in body tissues, including the lungs and other infected areas.

6. PHARMACEUTICAL DATA

6.1 Major Incompatibilities

Do not mix with other veterinary medicinal products.

6.3. Shelf Life

2 years when stored under recommended conditions.
After first opening, use within 28 days.

6.4. Special Storage Precautions

Store below 25°C in a cool, dry place.
Protect from light & Heat.
Do not freeze.
Keep out of reach of children

6.5. Nature and Composition of Immediate Packaging

Type I glass vials of 50 mL

6.6. Special Precautions for Disposal of Unused Veterinary Medicinal Product or Waste Material Derived from the Use of Such Products

- Any unused veterinary medicinal product or waste material should be disposed of in accordance with local regulations.

MANUFACTURED BY:
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