DORACTINA® Injectable solution

ENDECTOCIDE ANTIPARASITIC OF BROAD SPECTRUM AND LONG-ACTING EFFECT.

For the treatment of parasitic infections caused by gastrointestinal and pulmonary nematodes and external parasites such as sucking lice and scabies mites in cattle.

Doramectin is a broad spectrum anti-parasitic and long lasting effect because of its lipophilic properties. It is effective against adult and larvae parasites from the following species:

- **Nematodes:** *Ostertagia spp., Cooperia spp., Haemonchus spp., Trichostrongylus spp.,Oesophagostomum spp., Nematodirus spathiger, Bunostomum spp., Strongyloides spp., Trichuris spp., Dictyocaulus viviparus.*
- **Lice:** *Haematopinus eurysternus, Linognathus vituli, Solenoptes capillatus.*
- **Mites:** *Psoroptes bovis, Sarcoptes scabiei, var. bovis.*

Technical Specification

SPECIES

Bovine.

DOSAGE FORM

Injectable solution.

THERAPEUTIC ACTION

Endectocide antiparasitic of broad spectrum and long-acting effect.

COMPOSITION

Each 100 mL of product contains:
Doramectin.....1.0 g
Excipients q.s.p.....100 mL

PROPERTIES

Doramectin belongs to the family of Avermectins and presents a similar structure to Ivermectin. It has a broad spectrum of anti-parasitic activity, causing paralysis of the nematodes and arthropods. The main mechanism of action of the active component in Doractina (Doramectin) is to inhibit the

electrical activity controlling nerve cells in nematodes and muscle cells in arthropods, causing paralysis and death of the parasite. This occurs because de Doramectin joins the chloride channels linked to glutamate in the nerves (nematodes) and muscle cells (arthropods). This reaction results in an increase of the cell membrane permeability to chloride ions, causing hyperpolarization of the affected cells and subsequently paralysis and death of the parasite. Doramectin can also join to the chloride ion channels linked to GABA (Gamma-monobutyric acid) causing the same effect. Doramectin is widely distributed in the body and as a lipophilic substance is concentrated in the adipose tissue. This leads to an extended resistance in plasma because of its slow release time. Because of its lipophilic characteristics, the maximum doramectine concentration in bovine plasma is reached at 3 hours after the subcutaneous administration.

INDICATIONS

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ROUTE OD ADMINISTRATION AND DOSAGE

Subcutaneous route.

Active ingredient dose:
200 µg/Kg of weight, single dose.

Product dose:

1 mL for every 50 Kg of weight, single dose.

For collective treatment, it is recommended to use an automatic dosing syringe.

CONTRAINDICATIONS

- Do not use in unauthorized species.
- In dogs, especially the Collie breed and its crossbreeds, like other avermectins, it can cross the blood-brain barrier with serious consequences.

WARNINGS

Keep out of reach of children.

GUARD PERIOD

Meat: 42 days.

Milk: Do not use in animals whose milk is intended for human consumption.

CONSERVATION

Store in a cool and dry place between 2° and 30°C and protected from sunlight.

CONDITION OF SALE

Supply only on veterinary prescription.

PRESENTATION

Ampule with 50 mL,100 mL and 250 mL

PREPARED BY

Drag Pharma Laboratory.

RECORDS

Chile: Reg. SAG N° 2064-B
Bolivia: Reg. SENASAG PUV-F N° 007254/16
Perú: Registro SENASA F.54.01.I.0200

COUNTRIES WHERE IT IS MARKETED

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