# RUMIGAN 25%

**BROAD-SPECTRUM ANTIHELMINTHIC**

ORAL SUSPENSION

Health Registration No.: 3A1-2-3-9944-AGROCALIDAD

## Formula:

Each 100 mL contains:

| | |
|---|---|
| Albendazole | 25.0 g |
| Excipients q.s. | 100.0 ml |

## SPECIES AND DOSAGE:



| Species | Reference Dose | Practical Dose |
|---|---|---|
| Bovine | 10 mg/kg | 2 mL / 50 kg |
| Caprine | 10 mg/kg | 2 mL / 50 kg |
| Camelids | 10 mg/kg | 2 mL / 50 kg |
| Ovine | 7.5 mg/kg | 1.5 mL / 50 kg |

**ROUTE OF ADMINISTRATION:** Oral.
Administer a single dose, unless otherwise directed by the veterinarian.

## INDICATIONS:

Rumigan 25% is indicated for the elimination and control of a broad spectrum of internal parasites, including: tapeworms (heads and segments), abomasal and intestinal nematodes (adults and fourth-stage larvae) and lung and lungworms (adults larval stages). It is also effective against Fasciola hepatica.

**ROUTE OF ADMINISTRATION:** Oral

## PHARMACOKINETICS:

It is better absorbed orally than other benzimidazoles. Over a 9-day period, approximately 47% of an oral dose (as metabolites) was recovered in the urine. Following administration to sheep, the parent compound underwent very rapid first-pass metabolism, resulting in only transient detection or trace levels in plasma. The active metabolites, albendazole sulfoxide and sulfone, reached peak plasma concentrations 20 hours after dosing.

## MECHANISM OF ACTION:

Benzimidazoles have a broad antiparasitic spectrum against a variety of internal parasites. In susceptible parasites, their mechanism of action is believed to involve disrupting intracellular microtubule transport systems by selectively binding to and damaging tubulin, thereby preventing its polymerization and inhibiting microtubule formation. Benzimidazoles also act at higher concentrations by disrupting metabolic pathways, including malate dehydrogenase and fumarate reductase.

## PRECAUTIONS- WARNINGS-CONTRAINDICATIONS:

Do not administer during the first trimester of pregnancy. Avoid high doses. Use with caution during pregnancy. Do not administer during the first 45 days of pregnancy.

## DRUG INTERACTIONS

None reported in animals.

## ADVERSE REACTIONS

Albendazole has an affinity for rapidly dividing cells and may cause toxicity in the bone marrow and intestinal epithelium.

In other species, at approved doses, there is a wide safety margin.

Adverse effects may include anorexia and lethargy.

## WITHDRAWAL

Cattle: 14 days.

Sheep and goats: 7 days.

Do not administer to animals producing milk for human consumption.

Camelids: Do not use in camelids intended for human consumption.

## COMMERCIAL PRESENTATIONS

10-ml syringe
20-ml syringe
100-ml bottle
400-ml bottle
1000 ml bottle

www.inpelab.com
Quito - Ecuador
**Telf: (593) 2 5240501**
+593 99 968 4047 / +593 99 164 6785