

ALBADOT

Albendazole 5% w/w Oral Powder Veterinary Use Only

Description

Albendazole is a broad-spectrum **benzimidazole anthelmintic** effective against **nematodes, cestodes, and trematodes** in livestock. It works by inhibiting microtubule formation in parasites, leading to their immobilization and eventual death.

This **5% w/w oral powder formulation** is ideal for **mass deworming programs**, ensuring uniform dosing through feed or direct oral use in cattle, buffaloes, sheep, goats, and other food animals.

Specification

- **Composition:**
 - Albendazole I.P. — 5% w/w
 - Excipients — q.s. to 100%
- **Concentration:**
 - Each 1 gram contains 50 mg Albendazole
- **Appearance:**
 - Fine, white to off-white free-flowing powder
- **Formulation Type:**
 - Ready-to-use oral powder for top dressing or mixing with feed
- **Packaging:**
 - Laminated pouches, HDPE jars, or airtight containers
 - Sizes: 50 g, 150 g, 300 g, 500 g, 1 kg, 5 kg
- **Shelf Life:**
 - 36 months from the date of manufacture

Pharmacological Category

Anthelmintic – Benzimidazole Derivative

Indications

Effective in the treatment and control of:

- **Gastrointestinal Nematodes**
 - *Haemonchus, Ostertagia, Trichostrongylus, Bunostomum, Cooperia, Nematodirus*
- **Lungworms**
 - *Dictyocaulus* spp.
- **Liver Flukes**
 - *Fasciola hepatica, Fasciola gigantica* (adult stages)
- **Tapeworms**
 - *Moniezia* spp.
- **Roundworms and Pinworms**

Applicable for cattle, buffaloes, sheep, goats, pigs, and other ruminants.

Dosage and Route of Administration

- **Route:** Oral (mixed with feed or administered directly)
- **Recommended Dosage:**
 - **7.5 mg/kg body weight**
 - General guideline:
 - 1 g per 6.7 kg body weight
 - Or as per veterinary recommendation
- Mix thoroughly in feed or administer orally using a dosing device

Advantages

- Broad-spectrum efficacy
- Suitable for mixed parasite infestations
- Easy administration through feed
- Safe for use in various species
- Cost-effective for mass deworming

Adverse Effects

- Generally safe and well tolerated
- Rare side effects may include:
 - Lethargy
 - Transient diarrhoea
 - Appetite suppression
- Overdosage may lead to gastrointestinal irritation or neurological signs

Precautions

- Use only under veterinary supervision
- Not for use in animals with hypersensitivity to benzimidazoles
- Avoid under-dosing to prevent resistance
- Do not use in severely ill or malnourished animals without proper assessment

Withdrawal Period

- **Meat and Offal:** Minimum **14 days**
- **Milk:** Minimum **4 days** or as per national regulations

Storage and Handling

- Store in a cool, dry place below 30 °C
- Keep container tightly closed
- Protect from direct sunlight and moisture
- Do not store near food or animal feed
- Keep out of reach of children

Regulatory Classification / Schedule

- **Schedule H (India)** or as applicable
- Veterinary use only
- Prescription required for therapeutic use

HS Code & HSN Code

- **HS Code (International):** 3004.90 – Other medicaments
- **HSN Code (India):** 3004.90.99 – Veterinary Medicaments (Others)

Special Instructions

- Use calibrated dosing instruments for accuracy
- Ensure complete mixing when used with feed
- Administer full course even if symptoms subside
- Clean dosing tools before and after each use
- Observe proper withdrawal periods before slaughter or milk use

Frequently Asked Questions (FAQs)

Q: How should I administer this powder to my animals?

A: You can mix it with feed or administer directly using a measured scoop or oral dosing gun.

Q: Can this product be used for all ruminants?

A: Yes, it's suitable for cattle, buffaloes, sheep, goats, and other food-producing animals.

Q: Can I give this to pregnant animals?

A: Use with caution during early pregnancy and always under veterinary supervision.

Q: What if I accidentally overdose the animal?

A: Mild side effects may occur. Contact a veterinarian immediately for further guidance.

Q: Does the powder need to be reconstituted?

A: No, it is a ready-to-use oral powder. No dilution or reconstitution is needed.