

DOTCLOR

CHLORAMPHENICOL I.P- 20% w/w, 200 mg

VETERINARY ORAL POWDERS

DESCRIPTION

Chloramphenicol I.P (Indian Pharmacopoeia) 20% w/w veterinary oral powder is a broad-spectrum antibiotic powder formulation containing 200 mg of chloramphenicol per gram of powder. It is designed for oral administration in animals to treat bacterial infections caused by susceptible Gram-positive and Gram-negative organisms. The powder form facilitates easy dosing in feed or water for livestock such as cattle, sheep, goats, pigs, and poultry.

SPECIFICATION

- **Active Ingredient:** Chloramphenicol I.P 20% w/w (200 mg/g)
- **Appearance:** Fine, free-flowing, pale yellow to off-white powder
- **Assay:** Chloramphenicol content within 98.0% - 102.0% of the labelled amount
- **Loss on Drying:** Not more than 5% w/w
- **Microbial Limits:** Complies with pharmacopoeia standards for microbial contamination
- **Packaging:** Supplied in airtight, moisture-proof containers of 100 g and 500 g

COMPOSITION

- Chloramphenicol I.P – 20% w/w (200 mg/g)
- Excipients: Carrier powders (e.g., lactose or starch), anti-caking agents (e.g., magnesium stearate), and stabilizers to ensure uniform dispersion and stability in feed or water.

CATEGORY

- Veterinary Oral Antibiotic Powder
- Broad-spectrum bacteriostatic antimicrobial agent

PRODUCT FORM

- Oral powder for administration via feed or drinking water
- Available in 100 g and 500 g sealed packets

INDICATIONS

- Treatment of bacterial infections in livestock including respiratory infections, enteritis, mastitis, septicaemia, and other systemic or localized infections caused by chloramphenicol-sensitive bacteria.
- Effective for mixed infections caused by susceptible bacteria.
- Suitable for use where injectable administration is impractical or oral medication is preferred.

DOSAGE & ROUTE OF ADMINISTRATION

- **Dosage:** Typically 50 mg/kg body weight per day, divided into two doses mixed with feed or water, or as prescribed by the veterinarian.
- **Route:** Oral administration via feed or drinking water.
- Treatment duration is usually 5 to 7 days depending on infection severity and veterinary guidance.
- Dose adjustments may be necessary for specific species or compromised animals.

USAGE & ADVANTAGES

- Easy-to-administer oral formulation for mass medication.
- Broad-spectrum activity against both Gram-positive and Gram-negative bacteria.
- Suitable for large groups of animals such as herds or flocks.
- Helps reduce animal morbidity and improves recovery rates.
- Convenient for farms where injections are difficult or stressful for animals.

ADVERSE EFFECTS

- Possible bone marrow suppression with prolonged or excessive use.
- Allergic reactions may include rash or hypersensitivity in rare cases.
- Overdose can cause gastrointestinal disturbances such as diarrhoea or anorexia.
- Use with caution in animals with impaired liver or kidney function.
- Strict veterinary supervision is essential to prevent resistance.

WITHDRAWAL PERIOD

- Meat: Minimum 28 days
- Milk: Minimum 7 days
- Eggs (if applicable): Minimum 14 days
- Adherence to withdrawal periods is essential to ensure food safety and avoid residues.

STORAGE & HANDLING

- Store in a cool, dry place away from direct sunlight, ideally between 15°C and 25°C.
- Keep container tightly closed to protect from moisture and contamination.
- Use proper hygiene when handling to prevent cross-contamination.
- Dispose of unused product and empty containers according to local regulations.

PACKAGING & SIZES

- Available in 100 g and 500 g moisture-proof, airtight packets.
- Packaging ensures product stability and ease of use on farms.

HS & HSN CODES

- **HS Code:** 3004.90 (Medicaments consisting of mixed or unmixed products, for therapeutic or prophylactic uses, put up for retail sale)
- **HSN Code:** 30049090

SPECIAL INSTRUCTIONS

- Use only under veterinary prescription and supervision.
- Do not use in animals intended for breeding without veterinary approval.
- Strictly follow dosage and duration guidelines to prevent antimicrobial resistance.
- Maintain records of administration for regulatory compliance.
- Monitor animals for adverse reactions and report to veterinary authorities if necessary.

HUMAN VS VETERINARY APPLICATION

- This product is formulated exclusively for veterinary use and **should not be used in humans**.
- Veterinary formulations differ in excipients, concentration, and safety profiles from human medications.
- Human exposure should be avoided; use protective gloves and wash hands after handling.
- Proper disposal minimizes environmental contamination and human health risks.

? FREQUENTLY ASKED QUESTIONS (FAQs)

Q1: What does Chloramphenicol (CAP) do?

A1: Chloramphenicol (CAP) is a broad-spectrum antibiotic that inhibits bacterial protein synthesis, effective against various Gram-positive and Gram-negative bacteria.

Q2: How is this powder administered to animals?

A2: It is mixed into feed or drinking water for oral administration, ensuring easy dosing of groups or individual animals as prescribed.

Q3: Can this powder be given to all animals?

A3: It is suitable for cattle, sheep, goats, pigs, and poultry, but must be used under veterinary guidance to adjust dose and duration.

Q4: What precautions should I take when handling this powder?

A4: Avoid direct skin contact, wear gloves, and wash hands after use to prevent accidental exposure. Store securely and keep away from children.

Q5: Why is it important to observe withdrawal periods?

A5: Withdrawal periods ensure that antibiotic residues do not remain in meat, milk, or eggs, protecting consumer health and complying with food safety laws.

Q6: Can this be used in lactating animals?

A6: Yes, but strict withdrawal periods apply for milk to ensure residues do not enter the food supply. Consult a veterinarian.