

CHLOROSTIN

(Chlorpheniramine Maleate I.P. 10 mg Injection for Veterinary Use)

Description

Chlorpheniramine Maleate is a first-generation antihistamine belonging to the alkylamine class, acting as a histamine H1 receptor antagonist. It is used in veterinary medicine to alleviate allergic symptoms by blocking the effects of histamine. The injectable formulation contains 10 mg/mL of Chlorpheniramine Maleate, providing rapid relief from histamine-mediated allergic reactions in various animal species.

Specification

- **Active Ingredient:** Chlorpheniramine Maleate I.P. 10 mg/mL
- **Appearance:** Clear, colourless to pale yellow sterile injectable solution
- **pH:** Typically, between 4.5 – 6.5
- **Sterility:** Sterile and pyrogen-free
- **Packaging:** Supplied in sterile glass vials or ampoules 30 mL, 100 mL

Composition

- Chlorpheniramine Maleate I.P.: 10 mg/mL
- Excipients: Sterile water for injection, stabilizers, preservatives (may vary by manufacturer)

Category

- Antihistamine (H1 receptor antagonist)
- Veterinary pharmaceutical agent

Indications

- Treatment of allergic reactions and hypersensitivity in animals
- Relief of pruritus, urticaria, and allergic dermatitis
- Adjunct treatment in anaphylaxis management
- Control of allergic respiratory conditions
- Used for symptomatic relief of insect bites and allergic skin reactions

Dosage and Administration

- **Dose:** Typically, 0.5 to 1 mg/kg body weight
- **Route:** Intramuscular (IM) or intravenous (IV) injection
- **Frequency:** Single or multiple doses based on veterinary prescription
- Administer IV slowly to avoid adverse reactions

Product Form

- Sterile injectable solution
- Concentration: 10 mg/mL
- Pack sizes: 30 mL, 100 mL Vials

Usage Instructions

- Use aseptic technique during administration
- Shake gently before use
- Use appropriate needle and syringe for dosing accuracy
- Dispose of needles and syringes safely

Advantages

- Effective antihistamine with rapid onset
- Provides relief from various allergic symptoms
- Useful adjunct in emergency allergic reactions
- Suitable for use in multiple animal species
- Well-established safety profile when used as directed

Adverse Effects

- Mild sedation or drowsiness
- Dry mouth and mucous membranes
- Rare hypersensitivity reactions/ Avoid overdose to prevent CNS stimulation or seizures
- Hypotension if injected too rapidly intravenously

Withdrawal Period

- **Meat:** Minimum 7 days (species-dependent and per local regulations)
- **Milk:** Typically, 72 hours; follow local guidelines strictly
- Withdrawal periods ensure safety of animal-derived food products

Storage Conditions

- Store at 15°C to 30°C
- Protect from light and freezing
- Keep out of reach of children and animals
- Do not use beyond expiry date

Handling Precautions

- Wear gloves during handling
- Avoid skin and eye contact
- In case of accidental exposure, wash area thoroughly
- Dispose of unused product and packaging as per hazardous waste protocols

HS and HSN Code

- **HS Code:** 3004.90 (Pharmaceutical preparations)
- **HSN Code (India):** 3004.90.90

Special Instructions

- For veterinary use only
- Administer only under veterinary supervision
- Caution in animals with cardiovascular or CNS disorders
- Monitor animals during treatment for adverse effects

Details of Human and Veterinary Application

- **Veterinary Use:** Used for managing allergic reactions and hypersensitivity in animals
- **Human Use:** Separate human formulations exist; veterinary products must not be used in humans

Frequently Asked Questions (FAQs)

Q1: What is Chlorpheniramine Maleate?

A: A first-generation antihistamine used to block histamine H1 receptors and relieve allergy symptoms.

Q2: How is it administered?

A: By intramuscular or intravenous injection.

Q3: What is the usual dose?

A: 0.5 to 1 mg/kg body weight, as directed by a veterinarian.

Q4: Are there side effects?

A: Mild sedation, dry mucous membranes, and rare allergic reactions.

Q5: How should it be stored?

A: Store at 15°C to 30°C, protect from light and freezing.

Q6: What is the withdrawal period?

A: Meat: Minimum 7 days; Milk: Typically, 72 hours; follow local regulations.

Q7: Can veterinary Chlorpheniramine be used in humans?

A: No, veterinary products must not be used for human treatment.

