

MELO-P

(Meloxicam B.P. 5mg + Paracetamol I.P. 150mg Injection for Veterinary Use)

Description

This injectable formulation combines Meloxicam, a selective non-steroidal anti-inflammatory drug (NSAID), with Paracetamol (acetaminophen), a widely used analgesic and antipyretic. The combination provides enhanced pain relief and anti-inflammatory effects for veterinary patients, suitable for managing acute and chronic pain, inflammation, and fever in various animal species.

Specification

- **Active Ingredients:**
 - Meloxicam B.P.: 5 mg/mL
 - Paracetamol I.P.: 150 mg/mL
- **Appearance:** Clear, pale yellow sterile injectable solution
- **pH:** Approximately 6.0 - 7.0
- **Sterility:** Sterile and pyrogen-free
- **Packaging:** Supplied in sterile glass vials or ampoules, commonly 30 mL, 100 mL

Composition

- Meloxicam B.P.: 5 mg per mL
- Paracetamol I.P.: 150 mg per mL
- Excipients: Sterile water for injection, stabilizers

Category

- Non-steroidal anti-inflammatory drug (NSAID) + Analgesic/Antipyretic combination
- Veterinary pain management agent

Indications

- Management of acute and chronic pain associated with musculoskeletal and soft tissue conditions
- Reduction of inflammation and fever in veterinary patients
- Postoperative pain management
- Treatment of pyrexia (fever) due to infection or inflammation

Dosage and Administration

- **Dose:**
 - Meloxicam: Typically, 0.2 mg/kg body weight once daily
 - Paracetamol: Dose adjusted as per veterinary recommendation, generally 10-15 mg/kg
- **Route:** Intramuscular (IM) or intravenous (IV) injection
- **Frequency:** Once daily or as directed by the veterinarian

Product Form

- Sterile injectable solution
- Concentration: 5 mg/mL Meloxicam and 150 mg/mL Paracetamol
- Pack sizes: Usually 30 mL, 100 mL vials or ampoules

Usage Instructions

- Use aseptic technique for administration
- Shake well before use
- Administer slowly via IM or IV route
- Monitor animals closely for therapeutic response and adverse effects

Advantages

- Combined analgesic and anti-inflammatory effects for enhanced pain control
- Rapid onset of action through injectable form
- Suitable for various veterinary species
- Effective management of fever and inflammation

Adverse Effects

- Gastrointestinal disturbances such as vomiting or diarrhoea
- Potential hepatotoxicity if overdosed due to Paracetamol
- Renal impairment risks with NSAIDs in dehydrated or compromised animals
- Allergic reactions or hypersensitivity (rare)

Withdrawal Period

- **Meat:** Minimum 14 days or as per local veterinary regulatory guidelines
- **Milk:** At least 4 days or as advised by veterinary authorities

Storage Conditions

- Store between 15°C and 30°C
- Protect from light and freezing
- Keep out of reach of children and animals
- Use before expiry date

Handling Precautions

- Wear protective gloves when handling
- Avoid contact with skin and eyes
- In case of accidental exposure, wash affected area thoroughly
- Dispose of unused product and packaging responsibly

HS and HSN Code

- **HS Code:** 2933.59 (Heterocyclic compounds with nitrogen, combined preparations)
- **HSN Code (India):** 2933.59.90

Special Instructions

- For veterinary use only
- Use only under veterinary supervision
- Do not exceed recommended dose
- Monitor animals with pre-existing liver or kidney conditions carefully

Details of Human and Veterinary Application

- **Veterinary Use:** Effective combination for managing pain, inflammation, and fever in animals
- **Human Use:** Paracetamol and Meloxicam combinations exist but veterinary formulations differ and should not be used in humans

Frequently Asked Questions (FAQs)

Q1: What are Meloxicam and Paracetamol?

A: Meloxicam is a selective NSAID for inflammation and pain; Paracetamol is an analgesic and antipyretic.

Q2: How is this combination administered?

A: By intramuscular or intravenous injection.

Q3: What is the usual dosage?

A: Meloxicam 0.2 mg/kg and Paracetamol 10-15 mg/kg body weight once daily.

Q4: What side effects should I watch for?

A: Gastrointestinal upset, potential liver or kidney effects if overdosed.

Q5: Can this be used in all animals?

A: Use with caution in animals with liver or kidney issues; always follow veterinary guidance.

Q6: How should it be stored?

A: Store between 15°C and 30°C, protected from light.