DOTMOL

(Paracetamol I.P. 75 mg Injection
Sterile Injectable Solution Veterinary Use Only)

📝 Description

Paracetamol (Acetaminophen) is a centrally acting **analgesic and antipyretic agent**, used in veterinary medicine for the relief of **fever**, **pain**, and **inflammation**. It is particularly effective in cases of **pyrexia**, **musculoskeletal discomfort**, and **supportive therapy during infections**. Unlike NSAIDs, Paracetamol has minimal gastrointestinal and renal side effects when used correctly, making it a safer option for sensitive or debilitated animals.

Note: Paracetamol is **toxic to cats** and must **never be used** in feline species.

📊 Specification

- **Formulation**: Sterile aqueous solution for injection
- **Active ingredient**: Paracetamol I.P. 75 mg per mL
- **Appearance**: Clear, colourless to pale yellow solution
- **pH range**: 5.5 – 7.0
- **Sterility**: As per IP standards for injectable products
- **Shelf Life**: 24 months from manufacturing date under recommended storage

🧪 Composition (Per mL)

- **Paracetamol I.P.**: 75 mg
- **Benzyl Alcohol I.P.**: 1.5% v/v (as preservative)
- **Water for Injection**: q.s.

🧴 Excipients

- Benzyl Alcohol (Preservative)
- Water for Injection
- pH Adjusting agents (as needed)

🏷️ Category

- Non-opioid analgesic
- Antipyretic
- Supportive anti-inflammatory

💉 Indications

- **Fever (pyrexia)** due to viral, bacterial, or metabolic causes
- **Musculoskeletal pain**, sprains, or trauma
- **Adjunct therapy** in bacterial and respiratory infections
- **Supportive care** during post-operative recovery
- **General inflammation and malaise**

💊 Dosage

To be administered only under veterinary supervision.

Typical dosage guidelines:

- **Cattle, Buffaloes, Horses**: 10–20 mL per 100 kg body weight, once or twice daily
- **Sheep, Goats**: 5–10 mL per 50 kg body weight
- **Dogs**: 1–2 mL per 10 kg body weight
- **Cats**: ❌ **Contraindicated – Do Not Use**

Frequency: Once or twice daily for up to 3 days or as advised by the veterinarian.

🚪 Route of Administration

- Intramuscular (IM)
- Intravenous (IV – slow injection)

📦 Product Form

- Sterile Injectable Solution
- Available in amber glass vials: 30 mL

🐮 Usage

Recommended for **livestock, equines, canines**, and **other non-feline veterinary species** for control of **fever and mild to moderate pain**.

✅ Advantages

- Fast relief from fever and discomfort
- Less gastrointestinal risk compared to NSAIDs
- Safe for debilitated animals when used properly
- Can be combined with antibiotics and supportive therapy
- Lower nephrotoxicity risk compared to NSAIDs

⚠️ Adverse Effects

- Rare in recommended doses
- Possible liver toxicity at high or repeated overdose
- Pain or irritation at injection site
- Hypotension (rare with rapid IV administration)
- Allergic or hypersensitivity reactions (very rare)

📑 Schedule

- **Schedule H** veterinary pharmaceutical
- Prescription-only; use under licensed veterinary supervision

⚠️ Precautions

- Do not exceed recommended dose
- Avoid in animals with **hepatic impairment**
- **Not for use in cats** – causes life-threatening toxicity
- Use with caution in dehydrated or severely ill animals
- Avoid concurrent use with other hepatotoxic drugs

⏳ Withdrawal Period

- **Meat**: 3 days
- **Milk**: 48 hours
  (Check with local regulatory authorities for region-specific guidelines)

🧊 Storage

- Store below **25°C** in a **cool, dry place**
- Protect from **light and freezing**
- Keep the vial tightly closed after opening

🧹 Handling

- Use aseptic technique for withdrawal and administration
- Do not use if the solution appears cloudy or contains particles
- Discard any unused solution after 28 days of opening
- Dispose of empty vials as per veterinary pharmaceutical waste norms

📦 HS and HSN Codes

- **HS Code**: 30049099
- **HSN Code**: 3004 (Medicaments for therapeutic or prophylactic use, not in measured doses)

🛠️ Special Instructions

- Shake well before use
- Monitor animals for hepatic signs if prolonged use is required
- Administer IV injections slowly to avoid hypotension
- Never use in combination with other paracetamol-containing products

👩‍⚕️ Human and Veterinary Application

- **Strictly for veterinary use only**
- Not formulated for or approved for human use

DOTCOM PHARMA

❓ Frequently Asked Questions (FAQs)

Q1: What does Paracetamol do in animals?
It reduces **fever** and **mild to moderate pain**, especially in infections or post-operative recovery.

Q2: Can it be given to cats?
❌ **No. Paracetamol is toxic to cats** and must never be administered to felines.

Q3: How fast does it work?
Effects are usually seen within 30–60 minutes of administration.

Q4: Is Paracetamol safer than NSAIDs?
Yes, it is often considered safer for animals with gastrointestinal or renal sensitivity, though overdosing can cause liver toxicity.

Q5: Can it be used along with antibiotics?
Yes. It is commonly used as a supportive therapy along with antibiotics during infections.

Q6: Is there any withdrawal period for food-producing animals?
Yes, 3 days for meat and 48 hours for milk. Always confirm with your local authority.

Q7: What happens in case of overdose?
Overdose may lead to **hepatic damage**. Immediate veterinary intervention is required.