

# AMIDOT

## Amikacin Sulphate-500 mg Injection for Veterinary Use

### Description

Amikacin Sulphate is a **broad-spectrum aminoglycoside antibiotic** effective against various **Gram-negative and some Gram-positive bacteria**. It is used to treat **serious bacterial infections** in animals, including respiratory, urinary tract, skin, and soft tissue infections. The injectable form provides rapid therapeutic levels in the bloodstream for effective treatment.

### Composition (per mL)

- **Amikacin Sulphate** – 500 mg
- **Sterile aqueous base** – q.s. to 1 mL

### Category

**Antibiotic / Aminoglycoside Class**

### Specifications

- **Form:** Sterile injectable solution
- **Appearance:** Clear, colourless to pale yellow liquid
- **Container:** 100 ml amber glass vial
- **Closure:** Rubber stopper with aluminium seal
- **Sterility:** Compliant with pharmacopeial standards

### Indications

- Treatment of **bacterial infections** caused by susceptible organisms
- Respiratory infections such as **pneumonia**
- Urinary tract infections
- Skin and soft tissue infections
- Septicaemia

## **Dosage & Route of Administration**

- **Dosage:** 10-15 mg/kg body weight per day, divided into 2 doses (or as directed)
- **Route:** Intramuscular (IM) or intravenous (IV) injection
- **Pack Size:** 100 ml vial

## **Product Form**

- Sterile injectable solution
- Multi-dose vial

## **Usage & Advantages**

- Broad-spectrum antibiotic effective against resistant strains
- Rapid onset of action
- Suitable for serious systemic infections
- Minimal cross-resistance with other antibiotics

## **Adverse Effects**

- Nephrotoxicity (kidney damage) with prolonged or high dose use
- Ototoxicity (hearing loss) possible in some cases
- Injection site pain or swelling

## **Withdrawal Period**

- **Meat:** 28 days
- **Milk:** 72 hours

## **Storage & Handling**

- Store below **25°C**
- Protect from light
- Keep vial tightly closed
- Use aseptic technique

## **Precautions**

- Use under veterinary supervision only
- Monitor kidney function during prolonged therapy
- Avoid use in animals with known allergies to aminoglycosides
- Do not use in dehydrated animals

## **HS and HSN Codes**

- **HS Code:** 30049099
- **HSN Code:** 3004

## **Human & Veterinary Application**

- Strictly veterinary use
- Avoid accidental human exposure
- Consult doctor immediately if exposed

## **Frequently Asked Questions (FAQs)**

- **Q1: What infections does Amikacin treat?**  
Bacterial infections in respiratory, urinary, and soft tissues.
- **Q2: How is it administered?**  
IM or IV injection.
- **Q3: Any side effects?**  
Possible kidney and ear toxicity with long-term use.
- **Q4: Storage instructions?**  
Store below 25°C, protect from light.
- **Q5: Withdrawal period?**  
28 days for meat, 72 hours for milk.