

Brand Name: CLAVOMIN 625

Composition: AMOXYCILLINE & POTASSIUM CLAVULANATE TABLETS I.P

Dosage Form: Tablets

Category: Broad-Spectrum Antibiotic

Packaging Type: Alu-Alu

Packaging: 10 x 10 Tablets

Brief Product Information:

CLAVOMIN 625 is a powerful antibiotic combination used to treat a wide range of bacterial infections. It contains Amoxicillin, a beta-lactam antibiotic, and Potassium Clavulanate, a beta-lactamase inhibitor, which together overcome resistance caused by beta-lactamase-producing organisms. **AstraEureka Pharmaceutical is the manufacturer of this composition**, offering reliable quality and efficacy.

Composition:

Each Film-coated tablet contains

Amoxicillin Trihydrate IP
equivalent to Amoxicillin.....500 mg
Potassium Clavulanate Diluted IP
equivalent to Clavulanic Acid.....125 mg
Excipients q.s.

Key Ingredients:

- **Amoxicillin:** A penicillin-class antibiotic that inhibits bacterial cell wall synthesis.
- **Potassium Clavulanate:** A beta-lactamase inhibitor that prevents bacterial resistance by neutralizing beta-lactamase enzymes.

Key Benefits:

1. Broad-spectrum activity against gram-positive and gram-negative bacteria
2. Effective against beta-lactamase-producing resistant strains
3. Suitable for respiratory, urinary, skin, dental, and soft tissue infections
4. Quick symptom relief and bacterial eradication

Indications:

1. Respiratory tract infections (e.g., sinusitis, bronchitis, pneumonia)
2. Urinary tract infections (UTIs)
3. Skin and soft tissue infections
4. Dental infections

5. Bone and joint infections
6. Otitis media

Directions for Use:

1. Take the tablet orally with water after meals
2. Swallow whole, do not crush or chew
3. Follow the dosage exactly as prescribed by your physician

Dosage and Administration:

1. Adults:
 - One tablet of CLAVOMIN 625 every 8 or 12 hours as directed by the physician.
 - Course duration typically ranges from 5 to 14 days depending on the severity of infection.
 - Dosage may be adjusted for renal impairment

Safety Information:

1. Complete the full course of therapy even if symptoms improve early
2. Use with caution in patients with hepatic or renal impairment
3. Report any allergic reaction immediately
4. Not recommended during pregnancy or lactation without physician's advice

Mechanism of Action:

- **Amoxycillin** interferes with bacterial cell wall synthesis by binding to penicillin-binding proteins, leading to cell lysis and death.
- **Potassium Clavulanate** binds irreversibly to beta-lactamase enzymes produced by resistant bacteria, protecting Amoxycillin from enzymatic degradation and extending its antibacterial spectrum.

Contraindications:

1. Known hypersensitivity to penicillins, cephalosporins, or any component of the formulation
2. History of cholestatic jaundice or hepatic dysfunction associated with this combination

Side Effects:

1. Diarrhoea

2. Nausea or vomiting
3. Skin rash or itching
4. Abdominal discomfort
5. Rare: Hepatic dysfunction, allergic reactions, or Clostridium difficile-associated diarrhoea

Important Notice:

- CLAVOMIN 625 should be used strictly under medical supervision.
- Misuse or overuse of antibiotics can lead to antimicrobial resistance and reduced effectiveness.

Storage Condition:

1. Store in a cool and dry place below 25°C.
2. Protect from moisture and direct sunlight.
3. Keep out of reach of children.

Packing Information:

- Alu-Alu packing.
- 10 tablets per strip, 10 strips per box.

