

Brand Name: AZOMIN-250 Tablets

Composition: Azithromycin 250mg

Dosage Form: Tablets

Category: Antibiotic

Packaging Type: Blister Pack

Packaging: 6x10 Per Strip

Brief Product Information:

AZOMIN-250 Tablets are a macrolide antibiotic formulation containing Azithromycin 250mg. Manufactured by AstraEureka Pharmaceutical, this product is used for the treatment of various bacterial infections, particularly those affecting the respiratory tract, skin, and genitourinary system. It offers high efficacy with once-daily dosing and is widely prescribed due to its excellent patient compliance profile.

Composition:

Each Film coated tablet contains:

Azithromycin Dihydrate IP
equivalent to Azithromycin..... 250mg
Excipientsq.s.

Key Benefits:

1. Broad-spectrum activity against both Gram-positive and Gram-negative bacteria
2. High tissue penetration for effective infection control
3. Long half-life allows for once-daily dosing
4. Useful in patients allergic to penicillin
5. Short treatment duration improves patient adherence
6. Effective against atypical pathogens such as *Mycoplasma pneumoniae* and *Chlamydia trachomatis*

Indications:

1. Upper respiratory tract infections (e.g., pharyngitis, sinusitis, tonsillitis)
2. Lower respiratory tract infections (e.g., bronchitis, pneumonia)
3. Otitis media (middle ear infection)
4. Mild to moderate skin and soft tissue infections
5. Uncomplicated genital infections due to *Chlamydia trachomatis*
6. Traveler's diarrhea caused by susceptible bacterial strains

Directions for Use:

1. Take the tablet orally with or without food
2. Swallow the tablet whole with a glass of water
3. Take the medicine at the same time each day
4. Do not skip doses and complete the full course of treatment even if symptoms improve

Doses and Administration:

1. **Adults:**
 - 500mg once on Day 1, followed by 250mg once daily on Days 2 to 5
 - Alternatively, 500mg once daily for 3 days may be prescribed
2. **Children:**
 - Dosage based on body weight; to be determined by a pediatrician
3. **Special Populations:**
 - Dose adjustment may be needed for patients with renal or hepatic impairment

Safety Information:

1. Do not use if allergic to azithromycin or other macrolide antibiotics
2. Use with caution in patients with liver dysfunction or heart rhythm disorders
3. Avoid antacids 2 hours before or after taking the tablet
4. Inform your doctor about all other medications being used
5. Not recommended during pregnancy or breastfeeding without medical advice
6. Complete the entire prescribed course to prevent resistance

Mechanism of Action:

- Azithromycin binds to the 50S ribosomal subunit of susceptible bacteria
- Inhibits bacterial protein synthesis by interfering with translocation steps
- This suppresses bacterial growth and replication (bacteriostatic effect)
- At higher concentrations or with highly susceptible organisms, it may be bactericidal
- Its extensive tissue distribution and long half-life result in prolonged therapeutic action even after treatment cessation

Contraindications:

1. Known hypersensitivity to Azithromycin or any macrolide antibiotic
2. History of cholestatic jaundice or hepatic dysfunction with prior azithromycin use
3. Severe liver impairment

4. QT interval prolongation or concurrent use of QT-prolonging drugs

Side Effects:

1. Gastrointestinal: nausea, vomiting, diarrhea, abdominal pain
2. Central Nervous System: headache, dizziness, fatigue
3. Dermatologic: rash, itching
4. Rare but serious: hepatotoxicity, arrhythmia, hypersensitivity reactions

Important Notice:

- AZOMIN-250 Tablets should be used under strict medical supervision
- Misuse of antibiotics can lead to resistance, reducing future treatment effectiveness
- Do not share the medication with others even if symptoms are similar
- If any severe allergic reaction or unusual symptom occurs, discontinue use and consult a doctor immediately

Storage Condition:

1. Store below 25°C in a cool, dry place
2. Protect from direct sunlight and moisture
3. Keep out of reach of children
4. Do not use the tablet after the expiry date printed on the pack

Packing Information:

- AZOMIN-250 Tablets are available in a 6x10 blister pack (60's tablets per box)
- Each blister is tamper-evident and designed to preserve tablet integrity