

# Amoxyfilo CV 457 Dry Syrup

## Composition (per 5 ml reconstituted suspension):

- **Amoxycillin Trihydrate I.P.** equivalent to Amoxycillin — 400 mg
- **Potassium Clavulanate I.P.** equivalent to Clavulanic Acid — 57 mg

## Description:

Amoxyfilo CV 457 Dry Syrup is a combination of a broad-spectrum penicillin antibiotic (Amoxycillin) and a  $\beta$ -lactamase inhibitor (Clavulanic Acid). This formulation enhances antibacterial efficacy against resistant strains by preventing the breakdown of amoxycillin by bacterial  $\beta$ -lactamase enzymes. It is commonly prescribed in pediatric bacterial infections involving the respiratory tract, urinary tract, and soft tissues.

## Indications:

- Upper and lower respiratory tract infections (otitis media, sinusitis, bronchitis, pneumonia)
- Urinary tract infections
- Skin and soft tissue infections
- Dental infections
- Bone and joint infections in children

## Mechanism of Action:

Amoxycillin inhibits bacterial cell wall synthesis by binding to penicillin-binding proteins, resulting in bacterial lysis. Clavulanic acid irreversibly inhibits  $\beta$ -lactamase enzymes produced by resistant bacteria, thereby extending the spectrum of amoxycillin.

## Dosage and Administration:

- **Children (as per body weight):** Usually 25–45 mg/kg/day in divided doses or as directed by the physician
- Shake well before each use
- To be administered using a calibrated measuring spoon or dropper
- Complete the full course of therapy even if symptoms improve

## Contraindications:

- Hypersensitivity to penicillins, cephalosporins, or any component of the formulation
- History of cholestatic jaundice or hepatic dysfunction associated with previous amoxicillin-clavulanate use

## Precautions:

- Use with caution in patients with hepatic or renal impairment
- Monitor for signs of superinfection with prolonged use

- Periodic liver function testing is advised during long-term use

**Side Effects:**

- Common: Diarrhea, nausea, vomiting, skin rash
- Rare: Hepatotoxicity, Stevens-Johnson syndrome, hypersensitivity reactions

**Storage:**

- Store the dry powder at a temperature below 25°C
- After reconstitution, store in a refrigerator (2°C–8°C) and use within 7 days
- Keep out of reach of children

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

**(An ISO 9001: 2015 Certified Co.)**

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