

Information For the User  
Meropenem I.P. 1000mg + Sulbactam Sodium I.P. 500mg + Disodium EDTA I.P. 37.5mg

# Merotyle S EDTA 1.6

## Merotyle S EDTA 1.6 Injection

**Dosage Form:** Powder for Injection (to be reconstituted)

**Therapeutic Category:** Antibacterial (Carbapenem +  $\beta$ -lactamase inhibitor + MBL inhibitor)

### Composition:

Each vial contains:

- Meropenem I.P. 1000 mg
- Sulbactam Sodium I.P. 500 mg
- Disodium EDTA I.P. 37.5 mg

**Excipients:** q.s.

### Description:

Merotyle S EDTA 1.6 Injection is a broad-spectrum antibacterial formulation combining Meropenem, a carbapenem antibiotic, with Sulbactam, a  $\beta$ -lactamase inhibitor, and Disodium EDTA, a metal ion chelator that inhibits metallo- $\beta$ -lactamases (MBLs). This combination is intended to combat multidrug-resistant gram-negative infections, including ESBL and carbapenemase-producing strains.

### Indications:

- Complicated intra-abdominal infections
- Hospital-acquired pneumonia including ventilator-associated pneumonia
- Complicated urinary tract infections
- Skin and soft tissue infections
- Bacteremia associated with or suspected to be caused by any of the above infections
- Infections due to MBL-producing and carbapenem-resistant Enterobacteriaceae (CRE)

### Dosage and Administration:

- Dosage should be adjusted according to the severity of infection, renal function, and patient condition.
- Typically administered via intravenous infusion over 15–30 minutes.
- Reconstitution and dilution to be done under aseptic conditions before use.
- To be used under medical supervision only.

### Contraindications:

- Known hypersensitivity to Meropenem, Sulbactam,  $\beta$ -lactams, or any component of the formulation

### Warnings and Precautions:

- Use with caution in patients with history of seizures or CNS disorders
- Monitor renal function; dose adjustment may be necessary in renal impairment

- Risk of superinfections with prolonged use

**Adverse Effects:**

- Nausea, vomiting, diarrhea
- Rash, phlebitis at injection site
- Headache, elevated liver enzymes
- Rare: Seizures, anaphylactic reactions

**Storage:**

- Store in a cool, dry place below 25°C
- Protect from light and moisture
- Reconstituted solution should be used immediately or stored in the refrigerator and used within the specified time as per standard hospital guidelines

**Presentation:**

- Sterile single-dose vial containing Meropenem 1000 mg + Sulbactam 500 mg + Disodium EDTA 37.5 mg
- With sterile water for injection (optional, based on packaging)

**Conclusion:**

Merotyle S EDTA 1.6 Injection is a high-potency triple-combination therapy offering extended-spectrum antibacterial action against resistant gram-negative pathogens. It is suitable for hospital and critical care settings requiring potent infection control aligned with IP standards.

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

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

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