

Brand Name: Enalyte-Z

Dosage Form: Oral Rehydration Salts (ORS) + Zinc Supplement

Category: Electrolyte Replenisher / ORS with Zinc

Packaging Type: Sachet

Packaging: 105 gm

Brief Product Introduction:

Enalyte-Z, developed and manufactured by **AstraEureka Pharmaceutical**, a trusted manufacturer of oral electrolyte and zinc composition, is a scientifically balanced ORS formula enriched with zinc. It is used to restore fluid, electrolytes, and essential nutrients lost during diarrhea, vomiting, and dehydration. Each 35 g sachet, when reconstituted in clean water, provides a precise mix of **sodium, potassium, citrate, dextrose, and zinc** to replenish body fluids and improve recovery. Zinc supplementation enhances immunity and reduces the duration and severity of diarrheal episodes, especially in children. Enalyte-Z helps prevent dehydration and supports rapid recovery in cases of gastroenteritis, heat exhaustion, or fluid loss due to exertion. The formulation is, easy to use, and suitable for adults and children alike, making it a vital component in diarrheal management and first-aid kits.

Composition:

Each 35 g sachet contains:

Dextrose.....	17.5 g
sucrose.....	14.0 g
ascorbic acid.....	50.0 mg
zinc sulphate.....	32.5 mg
(eq. to elemental zinc).....	7.5 mg
energy.....	126 kcal
carbohydrate.....	31.5 g

Key Benefits:

1. Rapid rehydration in cases of dehydration
2. Maintains electrolyte balance in the body
3. Helps shorten duration of diarrhea with zinc
4. Prevents complications from fluid loss
5. Easy to prepare and palatable for all age groups

Indications:

1. Diarrhea-induced dehydration
2. Vomiting or fluid loss
3. Gastroenteritis in children and adults

4. Rehydration during excessive sweating or heat stroke
5. Travel-related dehydration risk

Directions for Use:

1. Dissolve the contents of one 35 g sachet in 1 liter of clean, boiled, and cooled drinking water
2. Stir well until completely dissolved
3. Use the solution within 24 hours
4. Discard unused portion after 24 hours

Dosage and Administration:

- **Infants:** 50–100 ml after each loose stool
- **Children:** 100–200 ml after each loose stool
- **Adults:** As much as needed to maintain hydration
- Zinc should be taken once daily as per physician's advice for 10–14 days

Safety Information:

1. Use clean water for reconstitution
2. Monitor for signs of overhydration in infants
3. Zinc may cause mild gastric discomfort in rare cases
4. Keep out of reach of children

Mechanism of Action:

- The **ORS component** replenishes lost electrolytes and fluids, maintaining plasma volume and acid-base balance.
- **Dextrose** enhances the absorption of sodium and water through the intestinal mucosa via the sodium-glucose co-transport mechanism.
- **Zinc** plays a crucial role in intestinal mucosal healing and immune function, reducing the frequency, severity, and recurrence of diarrhea.

Contraindications:

1. Severe dehydration requiring IV fluids
2. Known hypersensitivity to any component
3. Renal impairment or sodium-restricted diet (use with caution)

Side Effects:

- Rare: Nausea, abdominal cramps
- Zinc: Temporary metallic taste or gastric irritation

Important Notice:

- Not a replacement for medical attention in severe dehydration
- Not to be used with beverages other than clean water
- Follow instructions carefully for safe and effective use

Storage Condition:

1. Store sachets in a cool, dry place below 25°C
2. Protect from moisture and direct sunlight
3. Once prepared, store the solution in a clean container and use within 24 hours

Packing Information:

- Total net weight: 105 gm
- Packed in moisture-resistant sachets Pack with box.

