

Brand Name: LOTILUS-Z SUSPENSION

Composition: enzyme with vitamin b-complex & lactic acid bacillus dry powder

Dosage Form: Solution (Oral Suspension)

Category: Probiotic and Nutritional Supplement

Packaging Type: HDPE with Outer box

Packaging: 60 ml

Brief Product Introduction:

LOTILUS-Z SUSPENSION is a probiotic and micronutrient-rich oral suspension developed for improving gut health and supporting nutritional balance in both children and adults. Manufactured by **AstraEureka Pharmaceutical**, a well-established manufacturer of lactic acid bacillus and zinc composition, this formulation combines the benefits of beneficial gut flora with essential vitamins and minerals. It is commonly used during or after antibiotic therapy and gastrointestinal disorders to restore intestinal balance, improve nutrient absorption, and strengthen immunity.

Composition:

Each 5 ml Reconstituted Suspension Contains

- Lactic Acid Bacillus.....100 x 10⁶ Spores
- Nicotinamide.....15 mg
- Folic Acid.....100 mcg
- Pyridoxine Hydrochloride.....1.5 mg
- Zinc Sulphate Monohydrate
equivalent to Elemental Zinc.....10 mg

Nutritional Profile (per 5 ml Approx):

- Energy.....7.580 Kcal
- Carbohydrate.....1.870 gm
- Protein.....0.000 gm
- Fat.....0.000 gm

Key Ingredients:

- **Lactic Acid Bacillus** – Restores healthy intestinal flora
- **Nicotinamide (Vitamin B3)** – Supports energy metabolism and skin health
- **Folic Acid (Vitamin B9)** – Vital for DNA synthesis and red blood cell formation
- **Pyridoxine Hydrochloride (Vitamin B6)** – Essential for amino acid metabolism and neural health
- **Zinc Sulphate Monohydrate (Elemental Zinc 10 mg)** – Boosts immune response and aids tissue repair

Key Benefits:

1. Restores healthy gut flora during or after antibiotic use
2. Helps prevent and treat diarrhea, especially in children
3. Supports immune function and reduces gastrointestinal infections
4. Aids in nutrient absorption and overall growth
5. Improves appetite and digestion in malnourished or sick patients
6. Contributes to neurological, hematologic, and metabolic health

Indications:

1. Antibiotic-associated diarrhea
2. Infectious or chronic diarrhea
3. Nutritional deficiencies involving zinc, folic acid, or vitamin B-complex
4. Gastrointestinal disturbances including flatulence, bloating, and indigestion
5. As an adjuvant therapy in malnutrition or post-illness recovery
6. Probiotic support in irritable bowel syndrome (IBS) or colitis

Directions for Use:

1. Shake well before use
2. Use a clean measuring cup or dropper for accurate dosage
3. Can be administered directly or mixed with a small amount of water

Doses and Administration:

1. **Children (1–12 years):** 5 ml once or twice daily, or as prescribed
2. **Adults:** 5–10 ml once or twice daily, based on clinical condition
3. Use under medical supervision in infants under 1 year
4. Do not exceed the recommended dose unless advised

Safety Information:

1. **For oral use only**
2. Use under medical supervision, especially in infants and immunocompromised patients
3. Do not use if hypersensitive to any of the ingredients
4. Maintain proper hygiene while administering the product
5. Once reconstituted, use within the prescribed period as mentioned on the label

Mechanism of Action:

- **Lactic Acid Bacillus** helps maintain and restore the natural balance of intestinal microflora. It suppresses pathogenic organisms by producing lactic acid and other antimicrobial substances, promoting a healthy gut environment.
- **Zinc** enhances immune cell function and improves mucosal integrity, reducing the duration and severity of diarrhea.
- **Nicotinamide, Folic Acid, and Pyridoxine** act synergistically to support metabolic processes, red blood cell synthesis, and neural development. Together, these nutrients improve overall nutritional status, especially in growth phases or recovery stages.

Contraindications:

1. Known hypersensitivity to any component
2. Severe immunodeficiency (use probiotics cautiously)
3. Uncontrolled vomiting or intestinal obstruction

Side Effects:

1. Mild abdominal bloating or gas (usually temporary)
2. Rare allergic reactions (rash, itching, swelling)
3. Excessive zinc intake may cause nausea or metallic taste

Important Notice:

- This is a **therapeutic nutritional supplement**, not a substitute for a varied diet
- Always administer under the guidance of a healthcare provider
- Not to be mixed with hot liquids
- Reconstituted suspension should be used within the recommended period
- Read label and instructions before use

Storage Condition:

1. Store in a **cool, dry place below 25°C**
2. Protect from **direct sunlight and moisture**
3. Keep out of reach of **children**
4. Once opened or reconstituted, store in **refrigerator if instructed** and use within the specified time

Packing Information:

- Packed in **HDPE bottle** with measuring device (cap) with outer box
- Pack Size: **60 ml**

