

Brand Name: P-2PRO SUSPENSION

Composition: Bacillus Clausii Spores suspension

Dosage Form: SUSPENSION

Category: Probiotic / Antidiarrheal / Gut Flora Restorative

Packaging Type: MINI BOTTLES

Packaging: 10 MINI BOTTLES OF 5 ML EACH

Brief Product Information:

P-2PRO Suspension is a **probiotic-based oral formulation** containing *Bacillus Clausii* spores, designed to restore and maintain healthy gut flora in conditions such as diarrhea, antibiotic-associated gastrointestinal disturbance, and digestive imbalance. It is developed by **AstraEureka Pharmaceutical**, a reputable **manufacturer of composition** involving high-purity probiotic strains. This formulation is clinically effective in both pediatric and adult use for gut microbiota support.

Composition:

Each 5 ml oral suspension contains:

- Bacillus Clausii Spores.....2 Billion
- Purified Water IP.....q.s.

Key Ingredients:

1. **Bacillus Clausii Spores (2 Billion/5 ml):** A spore-forming, gram-positive probiotic bacterium known for surviving gastric acidity and colonizing the gut to restore microbiota balance.
2. **Purified Water IP (Q.S.):** A sterile aqueous vehicle ensuring safe and stable delivery of spores in liquid form.

Key Benefits:

1. Helps restore normal gut flora disrupted by antibiotics or infections.
2. Effective in managing both acute and chronic diarrhea.
3. Supports immune response by maintaining healthy intestinal microflora.
4. Reduces flatulence, bloating, and intestinal discomfort.
5. Can be used as adjunct therapy in GI disorders like IBS or IBD.
6. Promotes faster recovery from gastrointestinal infections in children and adults.

Indications:

1. Antibiotic-associated diarrhea
2. Gastroenteritis
3. Irritable bowel syndrome (IBS)
4. Digestive imbalance or dysbiosis
5. Chronic or acute diarrhea
6. Infantile diarrhea and diarrhea due to food intolerance

Directions for Use:

1. Shake well before use.
2. Twist and open the mini bottle cap before oral intake.
3. Administer directly or mix with water/milk at room temperature.
4. Do not mix with hot liquids or food.
5. Use immediately after opening.

Doses and Administration:

1. **Infants and children:** 5 ml once or twice daily, or as directed by a pediatrician.
2. **Adults:** 5 ml two to three times daily, as advised by a healthcare professional.
3. Duration depends on clinical condition and medical advice.
4. Can be safely used alongside antibiotics with a gap of at least 2–3 hours.

Safety Information:

1. Safe for use in children, adults, and elderly patients.
2. Does not cause drowsiness or dependency.
3. Avoid use if packaging is damaged or product appears discolored.
4. Not to be injected or used for intravenous purposes.
5. Use under medical supervision during pregnancy or immunosuppressive therapy.

Mechanism of Action:

- **Bacillus Clausii** functions by colonizing the gastrointestinal tract and producing essential substances such as antimicrobial compounds and enzymes.
- It competes with pathogenic bacteria, enhances mucosal immunity, and restores the balance of gut flora disrupted by disease or antibiotic use.
- Its spore form allows survival through acidic gastric environments, ensuring delivery to the intestines where germination and colonization occur.

This leads to:

- Suppression of harmful microbial growth
- Promotion of beneficial microbial populations
- Regulation of intestinal inflammation
- Enhanced digestion and absorption

Contraindications:

1. Known hypersensitivity to probiotics or excipients.
2. Critically ill or immunocompromised patients (to be used with caution).
3. Severe systemic infections or sepsis (use only under medical supervision).
4. Do not administer via parenteral routes.

Side Effects:

1. Generally well tolerated with rare side effects.
2. Mild bloating or gas during early use.
3. Hypersensitivity reactions are extremely rare.
4. No known drug interactions.

Important Notice:

- This is a probiotic supplement and not a replacement for medical therapy.
- Use with caution in patients with weak immunity.
- Do not exceed recommended dose.
- Discard if bottle shows leakage, sedimentation, or unusual smell.
- Keep out of reach of children.

Storage Condition:

1. Store below 25°C.
2. Protect from direct sunlight and moisture.
3. Do not refrigerate or freeze.
4. Use each 5 ml vial immediately after opening.

Packing Information:

- Packaging Type: MINI Bottles .
- Packaging: 10 mini bottles of 5 ml each With outer box.