

Brand Name: P-2PRO SACHET

Composition: probiotic sachet

Dosage Form: Powder

Category: Probiotic Nutraceutical / Gut Health Supplement

Packaging Type: Sachet

Packaging: 1.5 g × 20 sachets

Brief Product Introduction:

P-2PRO SACHET is a synergistic formulation of multiple strains of **probiotics with zinc**, developed to support and restore healthy gut flora, immunity, and digestion. Manufactured by **AstraEureka Pharmaceutical**, a trusted **manufacturer of probiotic and zinc sulphate composition**, this product plays a vital role in managing gut-related imbalances, diarrhea, and antibiotic-associated gastrointestinal disturbances.

Composition:

Each 1.5 g sachet contains (approximate values):

- Probiotics.....1.25 billion cells
 - Lactobacillus rhamnosus
 - Lactobacillus paracasei
 - Lactobacillus acidophilus
 - Lactobacillus sporogenes
 - Bifidobacterium longum
 - Saccharomyces boulardii
- Zinc Sulphate..... 5 mg
- Energy.....4.92 Kcal
- Carbohydrate.....1.2 g
- Protein.....0.03 g
- Fat: 0.0 g

Key Ingredients:

- **Multi-strain Probiotics (1.25 billion cells):**
 - Lactobacillus rhamnosus – promotes intestinal health and immunity
 - Lactobacillus paracasei – enhances resistance to pathogens
 - Lactobacillus acidophilus – maintains gut pH and inhibits harmful bacteria
 - Lactobacillus sporogenes – spore-forming strain supporting gut flora
 - Bifidobacterium longum – aids digestion and anti-inflammatory response
 - Saccharomyces boulardii – yeast probiotic effective against diarrhea
- **Zinc Sulphate (5 mg):** Vital trace mineral for immunity and mucosal healing

Key Benefits:

1. Restores and maintains **healthy intestinal microflora**
2. Helps manage **antibiotic-associated diarrhea**
3. Strengthens **gut immunity and epithelial barrier function**
4. Aids in **nutrient absorption and digestion**
5. Supports **immune health** through zinc supplementation
6. Useful in **IBS, IBD, traveler's diarrhea, and infantile diarrhea**
7. Safe for use in children and adults

Indications:

1. **Diarrhea** of infectious, antibiotic-induced, or traveler origin
2. **Gastrointestinal disturbances** due to dysbiosis
3. **Irritable Bowel Syndrome (IBS) or Inflammatory Bowel Disease (IBD)**
4. **Immunity support** during illness or post-infection recovery
5. **Malabsorption** and gut inflammation
6. Adjunct in **nutritional deficiencies and zinc depletion**

Directions for Use:

1. Tear open one sachet and mix contents with water, juice, or milk
2. Stir well and consume immediately
3. Can also be mixed with food (not hot)
4. Best taken **after meals** for optimal probiotic survival
5. Follow medical advice for pediatric use

Doses and Administration:

1. **Adults and children over 5 years:** 1 sachet once or twice daily
2. **Children under 5 years:** As prescribed by a physician
3. **Infants:** Use only under pediatric guidance
4. Duration: As recommended by a healthcare professional

Safety Information:

1. Generally well tolerated with no major side effects
2. For **oral use only**
3. Not to be mixed with hot beverages or cooked food
4. Safe for long-term use under supervision
5. Ensure proper hygiene during administration, especially in infants
6. Use with caution in **severely immunocompromised** patients

Mechanism of Action:

- **Probiotic strains** colonize the gut and inhibit pathogenic bacteria through **competitive exclusion**, **acid production**, and **bacteriocin release**
- They help restore the **balance of gut flora** disrupted by illness, antibiotics, or poor diet
- **Saccharomyces boulardii**, a yeast, helps restore intestinal barrier function and modulates the immune response
- **Zinc** supports the **mucosal lining of the gut**, boosts immune cell activity, and enhances **resistance to infection**
- Together, they improve **digestive health**, reduce inflammation, and enhance overall gut and immune function

Contraindications:

1. Hypersensitivity to any of the ingredients
2. Critically ill or immunocompromised individuals (only under medical supervision)
3. Severe gastrointestinal infections without proper medical evaluation
4. Patients on antifungal therapy (for *Saccharomyces boulardii*)

Side Effects:

1. Mild bloating or gas during initial days (usually self-limiting)
2. Rarely, allergic reactions (rash or itching)
3. Transient changes in stool consistency or frequency
4. Report any severe reactions to a healthcare provider immediately

Important Notice:

- This is a **nutritional supplement**, not a substitute for balanced diet or primary treatment
- Should not be used in place of antibiotics or other medical therapies unless advised
- Consult a doctor before use in infants, pregnant or lactating women
- Do not exceed the recommended dose
- Product effectiveness depends on adherence to dosage and storage

Storage Condition:

1. Store in a **cool, dry place below 25°C**
2. Protect from **direct sunlight and moisture**
3. Do not refrigerate unless specified on the label
4. Use sachets immediately after opening

Packing Information:

- Packaged in **laminated foil sachets**
- Pack Size: **1.5 g × 20 sachets per box**

