



Ingredients



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Company Profile

Triphase Pharmaceuticals Private Ltd, is a young enterprise primarily believing in the prevailing scientific emphasis on Health and Wellness and embodies the vision and concept of “**Prevention Over Cure**”. In order to achieve and accomplish these objectives TRIPHASE has integrated Research and Development in Nutraceuticals. As part of our main objectives we also provide research services as distinct form of R&D activities.

Fueled and fired by creativity, we constantly strive to develop new products and technologies in its domain. Also galvanized by state of the art R&D and production centers, our contingent of experienced scientists and technical experts steer efforts towards the latest and the next generation of innovations.

Our approach to **Nutraceuticals** at Triphase is innovation centric. Our products are designed for the formulations of major supplements for foods, beverages, and pharmaceuticals with its range of specialty enzymes, probiotics, botanicals such as Standardised herbal extract and phytochemicals colors and flavors.

In nutraceutical division Triphase is a bulk producer of active ingredients for the probiotics,prebiotic and herbal extracts export market. The strong R&D team has developed value added ingredients such as digestive enzyme blend,synbiotic and soluble fibers for the pharamaceutical, supplement, sportsceutical and animal nutrition market. Triphase is committed towards providing natural, safe, and pure products. Access to modern technology, excellent manufacturing practices, vendor pre-screening and approvals, stringent quality control and testing on Raw materials, processes and finished products, ensures superior quality and product consistency.





1. PROBIOSAC™: Anti-diarrheal yeast probiotic containing *Saccharomyces boulardii*. A well documented yeast probiotics for treating different forms of Diarrhea.
Composition: Contains Lyophilized live cells of *Saccharomyces boulardii*

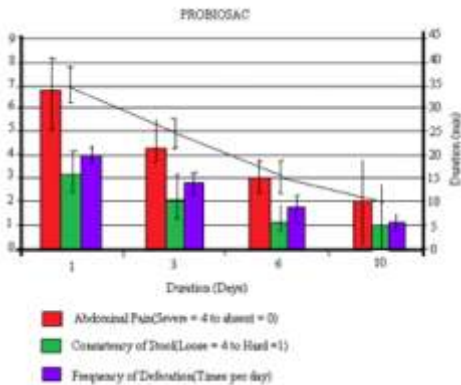
Strength: Not less than 5 Billion cfu/gm of Sachet.

Advantages:

- Survives gastric juice
- Resistant to commonly used antibiotics
- Resistant to Proteolysis

Benefits:

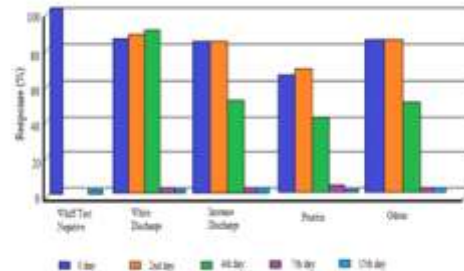
- **Prevents** Antibiotic associated diarrhoea
- **Prevents** Travelers diarrhoea
- Inhibits the growth of pathogens.
- Neutralises toxins



2. LACTOVAG™: A unique combination of 7 clinically proven strains, as the **safest** and **most effective ORAL PROBIOTICS** for Bacterial Vaginosis.

Benefits:

- ♀ Restores altered vaginal flora.
- ♀ Produces lactic acid & Bacteriocin which helps in preventing growth of pathogenic bacteria
- ♀ Prevents adherence of pathogen to vaginal epithelium
- ♀ Reduces Pruritis (Itching)
- ♀ Can be used during menstrual period & pregnancy

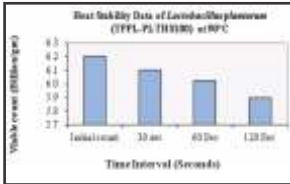


3. TEMPERATURE STABLE

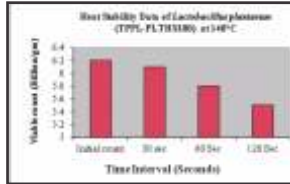
PROBIOTICS: Triphase introduces heat-stable probiotic strain, of *Lactobacillus plantarum* –(TPPL-PLTHS 100) & *Lactobacillus acidophilus* (TPPL-ACDHS100) can be use in **Food / Beverage and Pharma industries**. This good Probiotic strain is resistance to high temperature.

Advantages of Temperature probiotics:

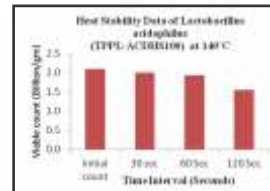
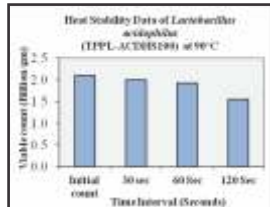
- **Pharma Industries** - For Capsules, Tablets & Sachets
- **Food & Beverage**
- **Beverage Industries-** Hot Soups , Coffee, Tea, Sports drink, Smoothies, etc
- **Bakery Industries** - Bread, Muffins, Biscuits, etc
- **Chocolate Industries**
- **Meat curing**



Heat stability of *L. plantarum* at 90°C and 140°C



Heat stability of *L. acidophilus* at 90°C and 140°C



4. VALUE ADDED PROBIOTICS:

Customized Blends of *Lactobacillus* species, *Bifido* species & other species:

- *Lactobacillus acidophilus*
- *Lactobacillus plantarum*
- *Lactobacillus rhamnosus*
- *Lactobacillus reuterii*
- *Lactobacillus casei*
- *Lactobacillus fermentum*

- *Bifibacterium longum*
- *Bifidobacterium.bifidus*
- *Bifidobacterium infantis*

- *Bacillus coagulans*
- *Streptococcus thermophilus*

5. Enzymes:

- Alpha Amylase
- Acid Protease
- Lactase
- Cellulase
- Lipase
- Papain

Digestive Enzyme Blends based on client requirements

6. FIBERS:

- a) **TRIPHIMANNANS:** Are water soluble components of Fenugreek fibres, obtained by enzymatic hydrolysis. It contains sugar units containing Mannose as the backbone & Galactose in the side chain, in the ratio 1:1.



Applications of Soluble Fibers:

- Helps in reducing & delaying glucose absorption
- Good source of soluble fiber.
- Helps in cholesterol management

- b) **CITRUS FIBER:** A water soluble fiber of Citrus peel, obtained by enzymatic hydrolysis.

Applications:

- Can slow not only digestion but also diffusion of digestion products to the absorptive mucosa
- Good source of Vitamin C
- Promotes digestion
- Improve bone health



7. Herbals:

STANDARDISED HERBAL EXTRACTS:

a) **GARCINIA CAMBOGIA EXTRACT :**

Garcinia cambogia, a native fruit to India and Asia, is currently the newest health fad. Besides being a popular diet supplement. Garcinia cambogia contains high levels of HCA (hydroxycitric acid), which is a substance known to speed up the metabolism. It is also beneficial for your overall health.

Applications:

- Known to lower lipid levels and assists in overall weight loss.
- **Prevents Fat Storage**
- Speeds up metabolism
- Improves Immunity

Available in 50% & 60% Calcium salt & Calcium-potassium salt.



b) **BOSWELLIA SERRATA EXT-65% :**

Boswellia Serrata is a gum resin extracted from a tree, which is sometimes burnt (the entire species of Boswellia is commonly known as Frankincense) as an aromatic or otherwise administered as medicine. Boswellia Serrata, via its active boswellic acids, appears to be a novel inhibitory of a pro-inflammatory enzyme called 5-Lipoxygenase and may possess other anti-inflammatory effects

Applications:

- Anti-inflammatory & Anti-arthritic properties
- Useful for treatment of cough and bronchial asthma



c) **CURCUMIN-95% :**

Turmeric herb (*Curcuma longa*) is a plant native to south India and Indonesia. Its tuberous root like structures has been used as a condiment, and medically as an aromatic stimulant. Curcuminoids are the major substances that give the spice turmeric its yellow color.

Applications:

- Anti-inflammatory
- Anti-Viral
- Anti-Cancer
- Anti-Bacterial
- Hepatic protectant
- Lowering cholesterol

