



High strength - 5 billion CFU

A *Saccharomyces boulardii* probiotic yeast PLUS olive leaf extract, biotin and vitamin D for combined gastrointestinal, immunity, inflammation response and mucous membrane support



- *Saccharomyces boulardii* PLUS
- Supports a clean gastrointestinal tract
- Encourages healthy levels of gut microflora
- Supports a balanced inflammatory response
- Immune system support
- Mucous membrane maintenance
- Supports energy-yielding metabolism
- Supports macronutrient metabolism

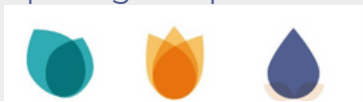
About *Saccharomyces boulardii*..

- By inhibiting certain bacterial toxins and/or their effects.
- By modulating the body's immune response, helping to improve the resistance to enteropathogenic bacteria.
- By having direct effects on the intestinal mucosa.
- In relation to inflammatory bowel diseases specifically, it is thought that *Saccharomyces boulardii* prevents T lymphocyte white blood cells (which are critical to the development of Crohn's disease) from migrating from lymph nodes surrounding the bowel.



Saccharomyces boulardii yeast was first isolated from lychee and mangosteen fruit in the 1920s by a French scientist called Henri Boulard. He had observed natives of South East Asia chewing the skin of these fruits to help control cholera.

It is a unique, non-pathogenic and tropical yeast (fungus), which can support health in a number of ways. Most notably, it supports gastrointestinal tract function, whether used alone or in combination with other probiotics, by helping to increase intestinal populations of good bacteria and decreasing numbers of disease-causing organisms by competing for space and food.



Olive leaf extract

An excellent antimicrobial against many species of virus and bacteria, olive leaf is a bitter substance produced by the olive tree, but eliminated from olives once they are cured.

For about 4,000 years, countries of the Mediterranean, as well as those bordering, have chopped up olive leaves in liquid or salad form to prevent and treat parasitic infections.

Olive leaf is also effective against fungi, moulds, worms and bacteria and can be used for yeast infections. It even proved to be superior to quinine for treating malaria, but not as easy to administer, so quinine became the preferred treatment. Studies in the 1960s confirmed that olive leaf extract has the ability to counteract the malaria protozoa.



Biotin

Biotin is a water-soluble B-vitamin, also called vitamin B7 and formerly known as vitamin H or coenzyme R. It is necessary for cell growth, the production of fatty acids and the metabolism of fats and amino acids.

It also assists in various metabolic reactions involving the transfer of carbon dioxide and may be helpful in maintaining a steady blood sugar level. A wide range of foods contain biotin, and intestinal bacteria synthesize it, which is then absorbed by the host.

Biotin contributes to normal energy-yielding metabolism, normal functioning of the nervous system, normal macronutrient metabolism, normal psychological function, normal hair and skin and the maintenance of normal mucous membranes.

Vitamin D

Vitamin D refers to a group of fat-soluble secosteroids responsible for increasing intestinal absorption of calcium, iron, magnesium, phosphate, and zinc. In humans, the most important compounds in this group are vitamin D3 (also known as cholecalciferol) and vitamin D2 (ergocalciferol).

Vitamin D3 is included in the formula and contributes to the normal function of the immune system, healthy inflammatory response, normal absorption/utilisation of calcium and phosphorus, normal blood calcium levels, the maintenance of normal bones, the maintenance of normal muscle function, the maintenance of normal teeth, it has a role in the process of cell division and is needed for normal growth and development of bone in children.

Diarrhoea, dysbiosis and dysentery

Saccharomyces boulardii is commonly used for treating and preventing dysentery and diarrhoea, including infectious types such as rotavirus diarrhoea in children, diarrhoea caused by gastrointestinal bacterial overgrowth in adults, “traveller's diarrhoea” and diarrhoea associated with tube feedings. It has also been shown to support normal gastrointestinal function during periods of dysbiosis (e.g. post antibiotic therapy).

Candida albicans and other infections, inflammatory responses and intestinal complications

This supplement is designed to help support the body against *Candida albicans* and gastrointestinal upsets; each capsule contains 250mg of the probiotic *Saccharomyces Boulardii* (equivalent to 5 billion colony forming units), as well as olive leaf extract (15:1, equivalent to 150mg olive leaf powder - of which 0.60mg of Oleuropein) to provide additional digestive health support.

Studies have shown that *Saccharomyces boulardii* can be effective against intestinal complications and inflammatory responses brought about by the use of antibiotics, as well as by infections such as *Clostridium difficile*. In the same way, vitamin D contributes to inflammation response, biotin supports healthy mucous membranes and *Saccharomyces Boulardii* prevents pathogenic bacteria (such as *E.Coli*) from adhering to the intestinal walls.

There is also evidence to suggest that it can be effective in preventing relapses of Crohn's disease and treating pouchitis.

Immunity

By supporting healthy levels of gut flora, the probiotic yeast works with the vitamin D to support the immune system.