



Immune  
Defence



Gut  
Health



Boosting  
Performance



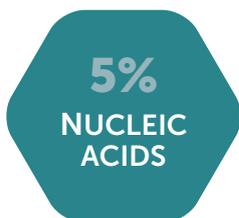
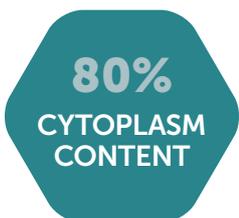
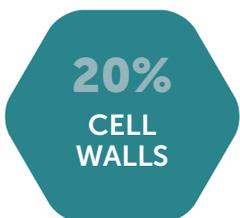
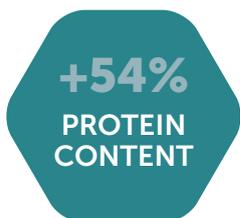
# I-CARE

## MULTISPECIES HYDROLYZED YEAST

**I-CARE**, from *Kluyveromyces fragilis* strain, is optimized by hydrolysis to provide young animals with the essential support they need during their critical starter phase. Its rich composition of natural nutrients and bioactive components promotes gut development, crucial for ensuring proper nutrient absorption and healthy growth in young animals.

By strengthening immunity, I-CARE helps animals to overcome the challenges of this delicate stage, laying the foundation for their overall welfare, optimal performance, and long-term success.

**I-CARE, natural flavour enhancer and highly digestible protein source.**





## WHY KLUYVEROMYCES

*Kluyveromyces fragilis* offers significant advantages compared to other yeast strains, such as *Saccharomyces cerevisiae* (brewer's yeast). It contains **30% more protein**, with a well-balanced amino acid profile, making it an excellent source of high-quality nutrients.

Hydrolyzed *Kluyveromyces fragilis* is **rich in nucleic acids**, which, along with proteins, support the rapid cell replication necessary for gut and immune system development, both of which are crucial for young animals in their early stages of growth.

In addition, *Kluyveromyces fragilis* has a **higher content of glutamic acid** compared to other yeast sources. This amino acid is key for enhancing feed palatability, ensuring better feed intake and overall consumption.

*Kluyveromyces fragilis* is part of the *Saccharomycetaceae* family.

*Kluyveromyces fragilis* is taxonomically synonymous with *Kluyveromyces marxianus*.



## HYDROLYSIS PROCESS

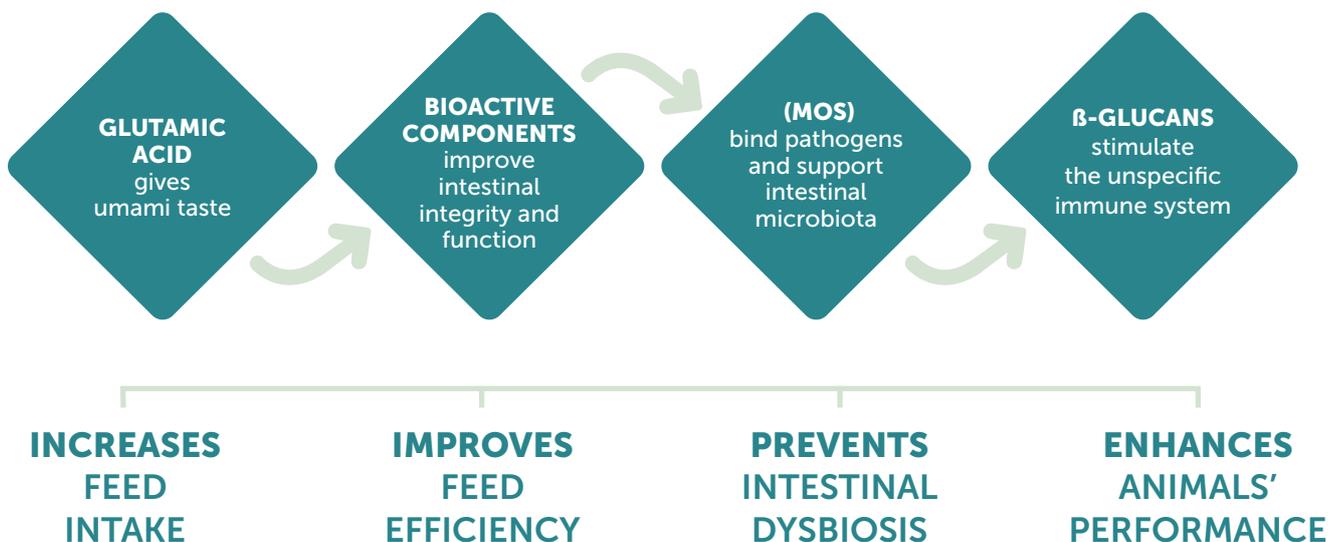
I-CARE is produced by PROSOL SPA using a **standardized process** and spray-drying method.

A gentle and effective hydrolysis process preserves all the nutrients within the yeast cells while enhancing the availability of **intracellular compounds**, such as **umami-flavoured amino acids** and **nucleotides**, which boost the natural flavour-enhancing properties.

A specific hydrolysis process breaks down the yeast cell wall, exposing  **$\beta$ -glucans** and **mannans**, which enhance natural immune stimulation and increase the pathogen-binding capacity of *Kluyveromyces fragilis*.



## MODE OF ACTION



I-CARE has been tested in various animal species.