

# tht

PROBIOTICS & STARTER CULTURES

## The science of lactic ferments



# Starter & bioprotective cultures for processed meat

## Enhancing safety, texture, flavour and colour

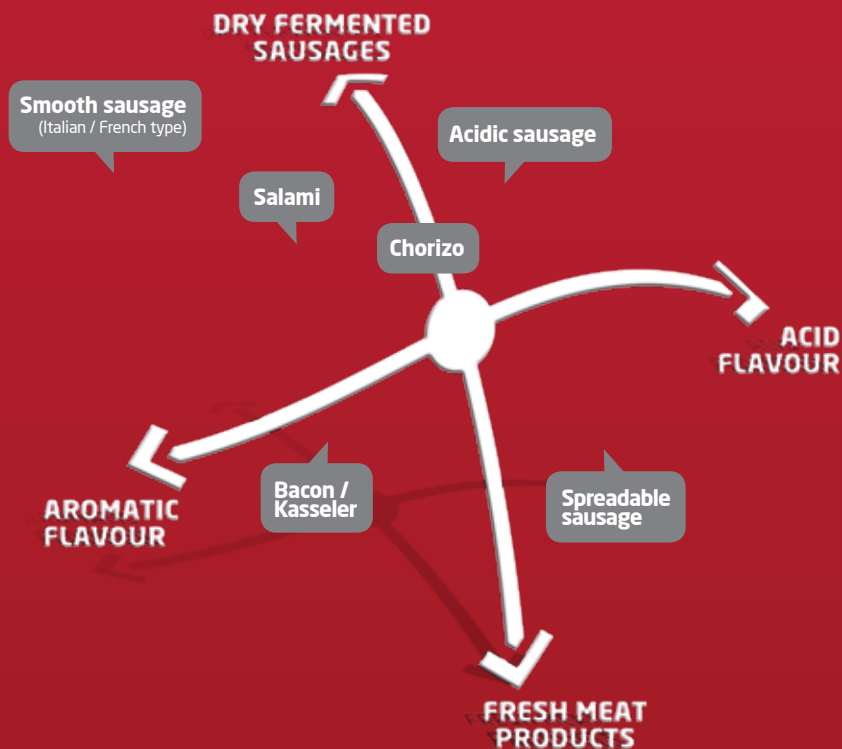
Different strains are combined in starter cultures to achieve optimal synergies.

Two main types of micro-organisms are used:

- **Lactic acid bacteria** (*Lactobacillus*, *Pediococcus*)
- **Micrococceae** (*Micrococcus*, *Staphylococcus*)

Main functions:

- **Fermentation and acidification control**
- **Aromatic flavour**
- **Stable colour**
- **Bioprotection**



## Bioprotection

World license to use *Lb sakei* CTC 494, probably the best anti-*Listeria monocytogenes* culture available!



# Probiotics

## Boosting intestinal balance and natural defences

THT produces a complete range of high-quality strains:

- **Bifidobacterium** (B. bifidum, B. infantis, B. lactis, etc.)
- **Lactobacillus** (L. acidophilus, L. casei, L. rhamnosus, etc.)
- Other genus: Lactococcus lactis, Streptococcus thermophilus, Saccharomyces boulardii, etc.

Main functions:

- Promotes intestinal comfort
- Helps to strengthen natural defences

THT supplies pure cultures in bulk as well as finished products in pre-dosed forms (capsules, tablets, sachets, sticks; packaged and with instructions for use) and can deliver any volume quickly and at competitive prices.

THT also provides toll manufacturing services for your own strains and can manufacture derivative products produced from special types of fermentation, such as fermented papaya extract, lacto-fermented pollen and others.

Using patented INTELICAPS® microencapsulation technology for probiotics, we can supply most of our products in versions providing protection from heat, humidity, acidity and oxidation. This gives you many options for adding our probiotic strains to functional foods as well.





THT specialises in selecting and producing lactic ferments for the food and health industries. Created in 1991, THT is a spin-off from the research carried out at the Centre Wallon de Biologie Industrielle (CWBI), an industrial biology research institute based in Belgium.




The Prayon Group ([www.prayon.com](http://www.prayon.com)), a leader in the functional ingredients sector, is a majority shareholder in THT.

## Contact

### THT

Parc Scientifique CREALYS  
Rue Camille Hubert, 17  
5032 Gembloux - Belgium

 +32 (0)81 719 920

 +32 (0)81 719 929

 [info@tht.be](mailto:info@tht.be)

**[www.tht.be](http://www.tht.be)**