



hermes consilium



portfolio.

clinically
supported
ingredients

the most documented probiotic yeast *Saccharomyces cerevisiae* var. *boulardii*, a proprietary strain of Lesaffre, with gut health benefits and diarrhea management

- **supplier**

Gnosis by Lesaffre

- **product grade**

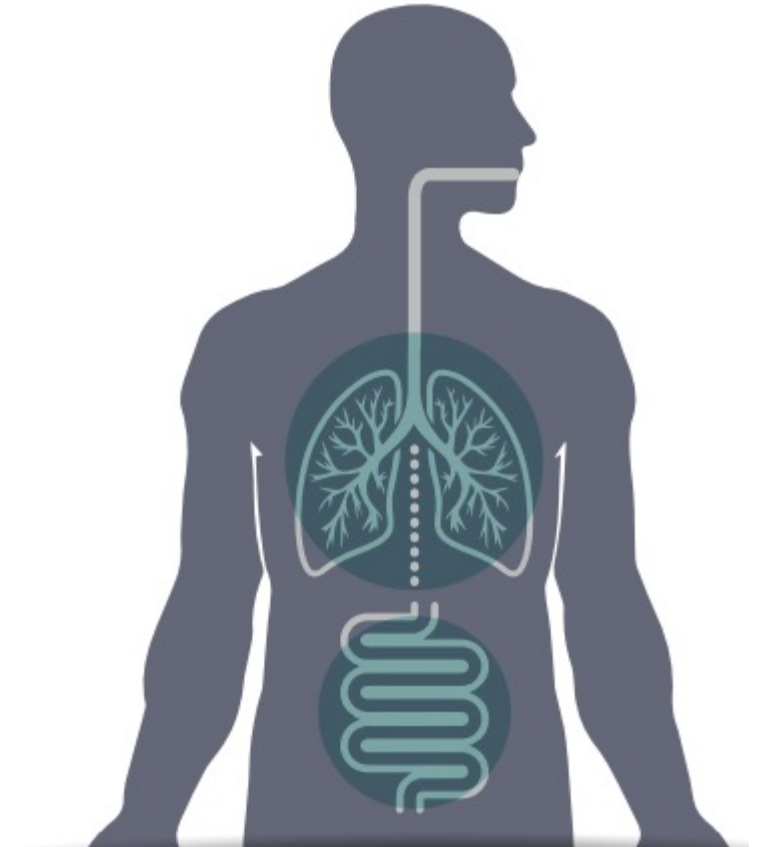
powder which can be used alone or with other ingredients (in capsules or individual sachets as dietary supplements or drug)

- **daily dose**

250 mg (5×10^9 CFU/day)

- **certificates**

Halal, Kosher, non-GMO, lactose & gluten free, suitable for Vegan diet



INDICATIONS

GUT HEALTH
DIARRHEA MANAGEMENT
IMMUNE SUPPORT



advantages:

- **probiotic yeast with strong scientific background**, well-known and recommended by doctors
- **no antibiotic susceptibility, resistant to GI conditions**, grows at body temperature, non-colonizing
- **clinically proven to reduce diarrhea**, promote normal bowel function in adults and children and to help restore a balanced gut microbiota
- **most stable *S. boulardii* on the market**

mechanisms of action:

- **restoring balanced** gut microbiota
- **pathogen binding and eliminating capacity**, neutralization of virulence factors
- **immunomodulatory action**, stimulation of release of sIgA as the first-line defense against pathogens
- **protection of tight junctions** for improved gut barrier function
- **prebiotic effect** by yeast cell wall components



product examples





natural bioactive derived from *Glycyrrhiza glabra* (licorice), clinically studied for alleviating symptoms of daily gut health issues - upper abdominal fullness, upper abdominal pain, nausea, bloating, belching & regurgitation

- **supplier**
Natural Remedies
- **product grade**
powder suitable for chewables, gummies, beverages and powders
- **daily dose**
150 mg per day
- **stability**
24 months shelf life
- **certificates**
non-GMO Project verified, Kosher, Halal



INDICATIONS
GUT HEALTH
FUNCTIONAL DYSPESIA
H. PYLORI MANAGEMENT

advantages:

- **supported by clinical** and preclinical studies
- **works in stomach and intestine**
- **clinically tested** for alleviating symptoms of occasional indigestion & heartburn and management of *Helicobacter pylori*
- **soft extraction process** to retain flavonoid content
- **neutral taste**, low dose offers formulation flexibility
- **low water activity**, can be combined with probiotics or digestive enzymes
- **differs from regular deglycyrrhizinated licorice (DGL)**
- **< 0.5% glycyrrhizin** ensures safety

mechanisms of action:

- **prokinetic action** – supports gastric emptying and gastrointestinal motility
- **antioxidant and anti-ulcer activity** – protects gastric mucosa
- **reduces** inflammation
- **decreases** gastric acidity
- **reduces *H. pylori* levels** in the stomach
- **synergistic activity** with probiotics



clinical studies:

- Puram et al., 2013: Effect of GutGard in the management of *Helicobacter pylori*: a randomized double blind placebo controlled study
- Raveendra et al., 2012: An extract of *Glycyrrhiza glabra* (GutGard) alleviates symptoms of functional dyspepsia: a randomized, double-blind, placebo-controlled study

pre-clinical studies:

- Mukherjee et al., 2010: Anti-ulcer and antioxidant activity of GutGard™
- Murugan et al., 2017: Effect of flavonoid rich root extract of *Glycyrrhiza glabra* on gastric emptying and gastrointestinal transit in albino Wistar Rats (alleviates symptoms of functional dyspepsia via prokinetic activity – promotes gastric emptying and GI transit)



product examples





milk-derived protein, recognized for its role in immunity, digestive health and iron metabolism, suitable for all age groups

- **supplier**
Ingredia Nutritional
- **product grade**
powder perfectly adapted to both dietary supplements (tablets, capsules, softgels, gummies) and functional foods (bars, dairies, beverages)
- **daily dose**
250-1000 mg
- **stability**
24 months of shelf life
- **certificates**
Halal



INDICATIONS

IMMUNE SUPPORT
GUT HEALTH
ANTI-INFLAMMATORY SUPPORT
ANTI- OXIDATIVE SUPPORT

advantages:

- **natural ingredient**, found also in human secretions like saliva, tears and breast milk
- **suitable for the most sensitive target groups** such as infants with few other available options for immune and gut support
- **the highest purity on the market (>95%)**
- **native lactoferrin** as found in fresh cow's milk
- **gentle processing to preserve structure** and biological activity
- **high bioactivity**, with iron binding ability
- **scientifically supported**

mechanisms of action:

- **in vitro immuno-stimulatory effect**
stimulates lymphocytes (immune cells) proliferation to improve adaptive immune response
- **in vitro anti-inflammatory effect**
significantly reduces the release of a pro-inflammatory marker TNFalpha
- **in vitro action against viral infection**
inhibition of virus entry into the cell and replication
- **high bioactivity**, with iron binding ability
- **reduces** pathogenic bacterial colonies



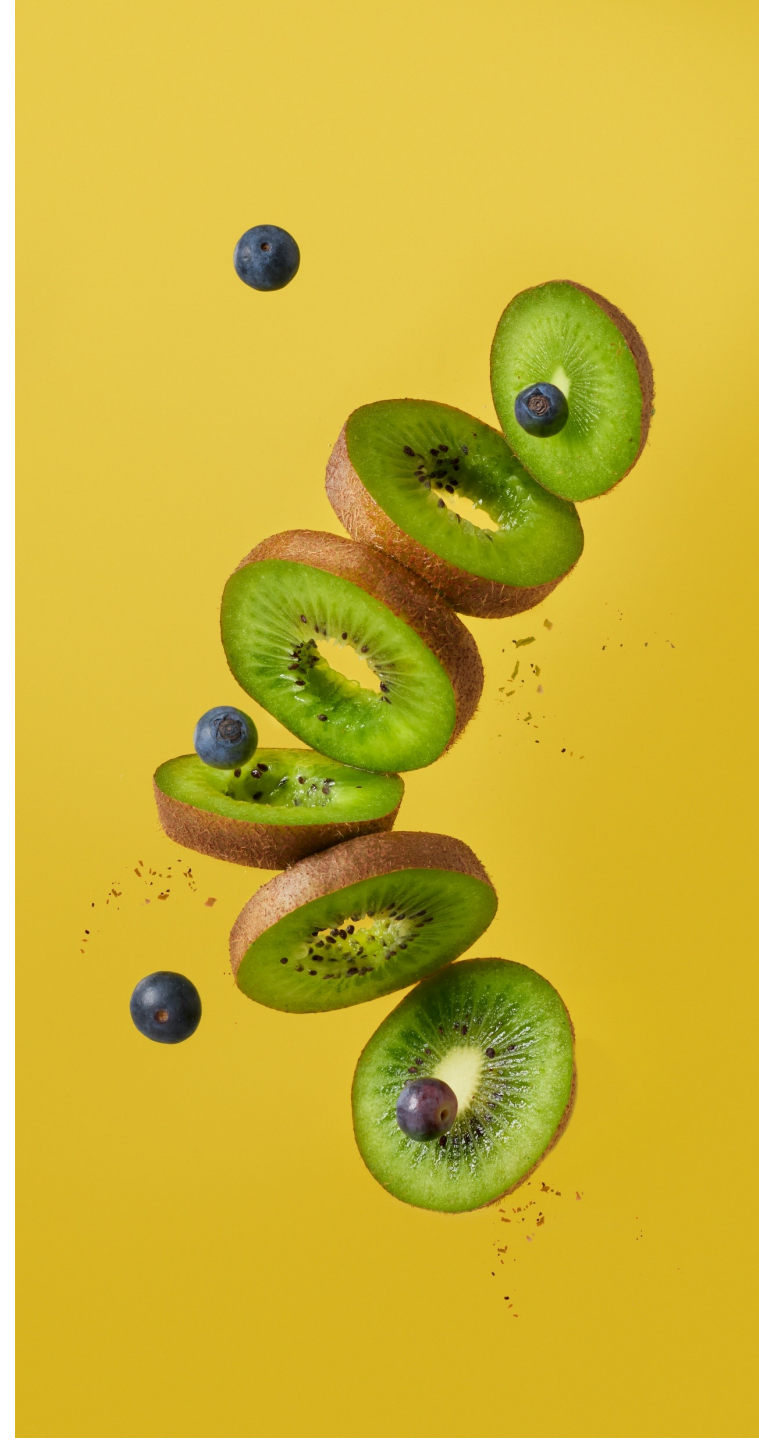
product examples





natural powder from 100% New Zealand-grown green kiwifruit (*Actinidia chinensis* var. *delicosa*) for bowel regularity support

- **supplier**
Anagenix
- **product grade**
powder suitable for capsules, tablets, powder forms, sachets, bulk powder blends, gummies
- **daily dose**
600 mg
- **stability**
30 months shelf life
- **certificates**
non-GMO project verified, Kosher



INDICATIONS
GUT HEALTH
BOWEL IRREGULARITY
DIGESTIVE DISCOMFORT

advantages:

- **clinically assessed** digestive health ingredient
- **FODMAP-friendly**
- **multiple format applications**
- **small dosage**
- **proprietary processing** retains high levels of key nutrients and bioactives
- **rich in soluble and insoluble fibers**, as well as enzyme actinidin
- **preservative-, sugar-, and gluten-free**
- **clinically supported combination** with Livaux®

mechanisms of action:

- **high fiber content**, promotes regularity, increases the rate of gastric emptying
- **reduces bloating**, gastric discomfort and constipation
- **contains enzyme actinidin** to help with protein digestion
- **prebiotic activity**, supports production of short chain fatty acids (SCFA)



clinical study:

- **Ansell et al., 2015: Kiwifruit-derived supplements increase stool frequency in healthy adults: a randomized, double-blind, placebo-controlled study**
 - While the number of stools increased, their form was not affected – Actazin® did not induce loose stools

pre-clinical studies:

- **Duysburgh et al., 2019: A synbiotic concept containing spore-forming *Bacillus* strains and a prebiotic fiber blend consistently enhanced metabolic activity by modulation of the gut microbiome in vitro**
 - Fructooligosaccharides (FOS) from kiwifruit in combination with other prebiotics influenced microbial activity and composition in vitro, and enhanced butyrate production
 - **internal in vitro study: Prebiotic effects of Actazin in vitro – microbial growth**
 - Actazin® supported the growth of probiotic strains, but not pathogenic bacteria
- 

product examples





patented, award-winning, natural powder from 100% New Zealand-grown gold kiwifruit (*Actinidia chinensis* var. *chinensis*) with prebiotic properties supporting gut microbiome balance

- **supplier**
Anagenix
- **product grade**
powder suitable for capsules, tablets, powders, sachets, bulk powder blends, gummies
- **daily dose**
600 mg
- **stability**
30 months shelf life
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non-GMO Project verified, Kosher, Halal, Vegan



INDICATIONS
GUT HEALTH
PREBIOTIC SUPPORT
MICROBIOME BALANCE
IMMUNE SUPPORT

mechanisms of action:

- **targeted prebiotic action**
- **balances microbiome** by restoring intestinal bacterium called *Faecalibacterium prausnitzii* (F.prau) with numerous benefits for human health.
- **rich in polyphenols and vitamins**
- **supports mucosal immunity in vitro**



advantages:

- **clinically tested ingredient** for digestive health
- **FODMAP-friendly**
- **multiple format applications**
- **small dosage**
- **proprietary processing** retains high levels of key nutrients and bioactives
- **contains polyphenols**, vitamins C, E and folate, some fibers
- **free from preservatives** or added sugars, gluten-free
- **patented**
- **clinically supported combination** with Actazin®

clinical studies:

- **Ansell et al., 2015: Kiwifruit-derived supplements increase stool frequency in healthy adults: a randomized, double-blind, placebo-controlled study**
 - significant increase in mean daily bowel movements, stool form was not affected
- **Blatchford et al., 2017: Consumption of kiwifruit capsules increases *Faecalibacterium prausnitzii* abundance in functionally constipated individuals: a randomised controlled human trial**
 - *F.prau* is a beneficial microorganism that accounts for >5 % of the total colonic microbiome and produces butyrate, which is the energy source for intestinal epithelial cells and has anti-inflammatory, immune-balancing and gut barrier-improving effects within the intestine

pre-clinical studies:

- **Duysburgh et al., 2019: A synbiotic concept containing spore-forming *Bacillus* strains and a prebiotic fiber blend consistently enhanced metabolic activity by modulation of the gut microbiome in vitro**
 - Fructooligosaccharides (FOS) from kiwifruit in combination with other prebiotics influenced microbial activity and composition in vitro, and enhanced butyrate production
- **internal study: Effect of Livaux on mucosal immune health efficacy in vitro**
 - Livaux® activated $\gamma\delta$ -T cells and increased levels of antimicrobial peptide β -defensin 2
- **internal study: Probiotic activity of Livaux in vitro**
 - Supports growth of probiotic strains (bifidobacteria and lactobacillus) and butyrate production



product examples





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