

# SafMannan

## Description

Safmannan® is a premium yeast fraction rich in mannan-oligosaccharides and  $\beta$ -glucans (1,3 and 1,6). Safmannan® is obtained by autolysis of *Saccharomyces cerevisiae* proprietary bakery strains. Batch-to-batch consistency and high concentration in active ingredients allow Safmannan® to achieve repeatable excellent performance.

## Typical profile

### Nutritional

<b>Mannan</b>	<b><math>\geq 20\%</math></b>
<b><math>\beta</math>-1,3 glucan, <math>\beta</math>-1,6 glucan</b>	<b><math>\geq 20\%</math></b>
<b>Moisture</b>	<b><math>\leq 6\%</math></b>
<b>Crude protein</b>	<b><math>&lt; 25\%</math></b>

### Microbiological

<b><i>Salmonella</i>/25g</b>	<b>Negative</b>
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## Physical characteristics

<b>Color</b>	<b>Light beige</b>
<b>Odor</b>	<b>Typical yeast odor</b>
<b>Appearance</b>	<b>Fine powder</b>

## Recommendation

<b>Ruminants</b>	<b>2 - 10 g/day/animal</b>
<b>Swine</b>	<b>250 - 500 g/T of feed</b>
<b>Poultry</b>	<b>125 - 500 g/T of feed</b>
<b>Aquaculture</b>	<b>500 - 2000 g/T of feed</b>

*Incorporation rate to be adapted to specific needs.*

## Packaging and Storage

Packaging: 25 kg multiwalled paper bag with a polyethylene liner.  
Shelf life: 2 years from production date, in original packaging.  
Storage: keep in a dry and cool place for optimum preservation.

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**Phileo**

LESAFFRE ANIMAL CARE

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## Mode of action

Binds a broad spectrum of major pathogens (E.coli, Salmonella) thanks to its high content in mannanoligosaccharides reducing their attachment onto the intestinal mucus.

Helps to raise animal natural self defenses

- Enhances humoral immune responses under challenging conditions
- Improves cell-mediated immune response to disease

Binds specific mycotoxins (Ochratoxin and Zearalenon) avoiding its absorption through the intestine.

## Benefits

Improves gut health by providing to animals with a better capacity to absorb nutrients and cope with challenging environmental conditions.

Increases zootechnical performances including average daily gain and feed efficiency especially in challenging conditions (pathogen pressure, heat stress).

Enhances immunoglobulin production during gestation, thus improving the quality of the colostrum and the transfer of immunity from the mother to its offspring at birth.

Limits negative impact of mycotoxins on animals:

- Zearalenon: impaired reproduction (fertility, weaning-to-estrus interval...)
- Ochratoxin: nephrotoxicity, reduction of immunity, growth and feed efficiency.