



🧬 | Description

- BACTILIS is an antimicrobial peptide effective against numerous Gram-positive bacteria, such as Clostridium. It can be easily administered in feed or drinking water for animals of all species..

🧬 | Characteristics

- The main active molecule is Surfactin.
- Surfactin is a lipopeptide with an amphiphilic structure, produced through a patented microbial fermentation process.
- Its lipid component provides excellent thermostability and resistance to proteolytic degradation..

🧬 | Product Specifications

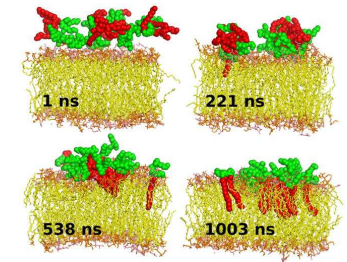
Guaranteed Analysis	BACTILIS 50 SOLUBLE
Protein produced by Bacillus subtilis fermentation	≥ 10%
Dextrose	≥ 50%
Maltodextrin	≥ 20%
Sodium Sulphate	≥ 20%

🧬 | Benefits

- 1 Antibiotic alternative for swine, poultry, pre-ruminants and ruminants.
- 2 Improves productive performance
- 3 Supports the Immune System.

🧬 | Mechanism of Action

- Surfactin integrates into microbial membranes, causing cell lysis and apoptosis. It also exerts immunomodulatory effects, enhancing the animal's immune response. Surfactin inhibits inflammatory responses, improving intestinal barrier integrity and overall gastrointestinal health.



🧬 | Minimum Inhibitory Concentration (MIC)

Strain	MIC (µg/ml)
Clostridium perfringens ATCC13124	62.5µg/mL

Storage and Handling

Store in a cool, dry place, away from direct sunlight. Keep the container tightly closed when not in use. Minor color variations do not affect the quality of the product..

Packaging

BACTILIS 50 SOLUBLE: 1 kg aluminium sachets (10 sachets per box)

BACTILIS 50 PREMIX: 20 kg aluminium bag

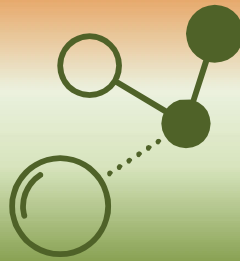
Shelf Life

24 months

24 months



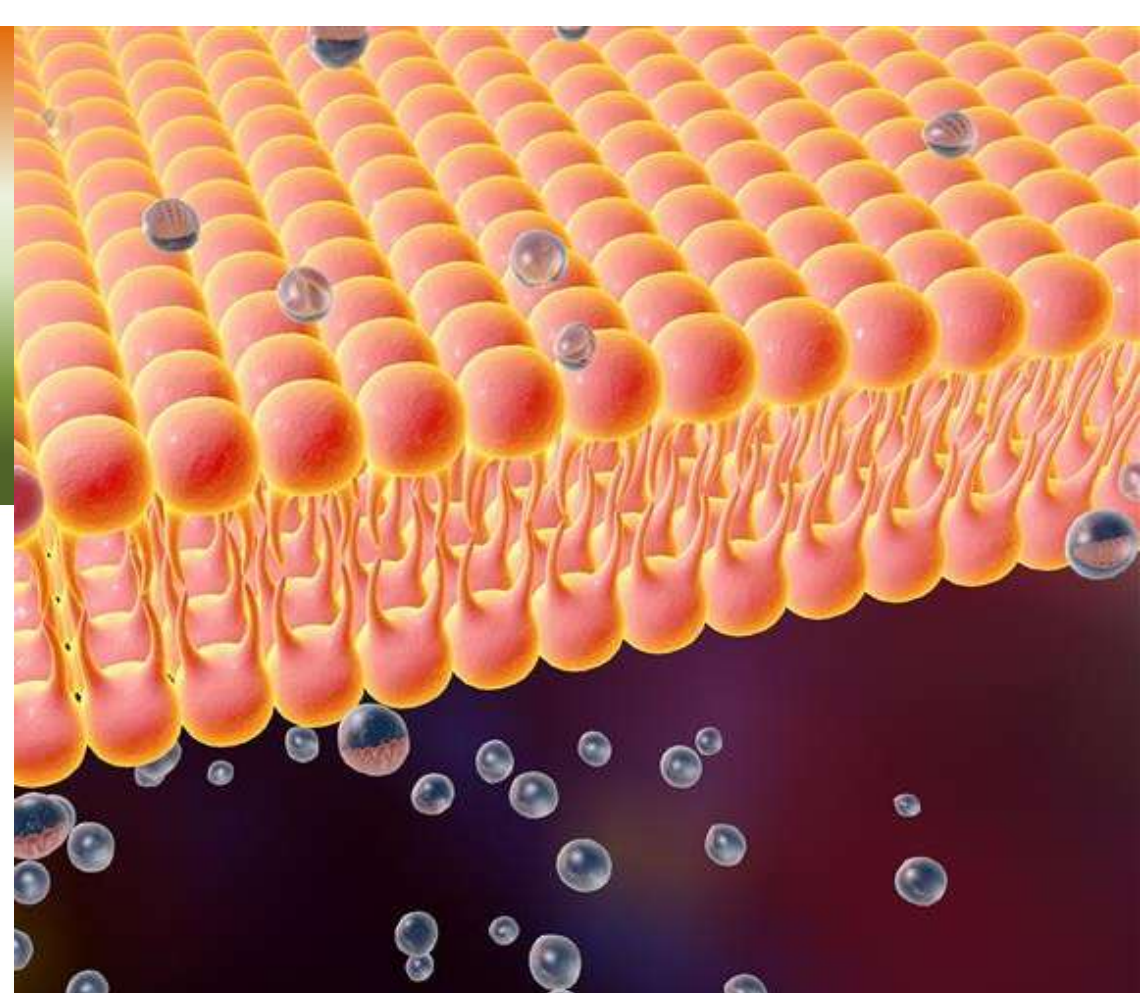
BACTILIS
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For Intestinal Health

Recommended Dosage

Animal Category	Drinking Water (g/1000 L)	Feed (g/ton)
Piglets	150 – 250	400 – 600
Fattening pigs	75 – 150	200 – 400
Sows and boars	150 – 200	400 – 600
Broilers	100 – 200	200 – 400
Turkeys	100 – 200	200 – 400
Laying hens	100 – 200	200 – 400
Cattle	—	6 – 14 g/head/day



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