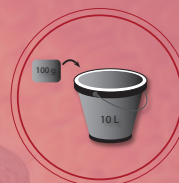


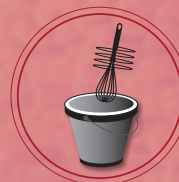
## PRACTICAL USE OF B-ACT® WSP

### 3 consecutive steps:

- 1** Add 1 sachet of 100 grams directly into 10 litres of water. Do not open the sachet. The sachet will initially float, then sink to the bottom of the bucket and dissolve within 5 minutes.



- 2** Stir the solution once the sachet has fully dissolved.



- 3** B-Act® is now ready to use in the drinking water system.



Good drinking-line management is advised for optimal results with B-Act® WSP. B-Act® WSP can be used concurrently with antibiotics, vaccination, water acidification or chlorination.

 **B-Act**®  
Targeted protection





## CHARACTERISTICS

B-Act® is a probiotic consisting of viable spores of a unique *Bacillus licheniformis* strain (Strain Identification Number DSM 28710).

The spores in B-Act® protect *Bacillus licheniformis*:

- In the highly acidic upper digestive tract
- During enzymatic digestion
- During antibiotic treatment

Due to the dual respiration possibility, aerobic and anaerobic, of *Bacillus licheniformis*, B-Act® exerts its positive effect throughout the whole intestinal tract.

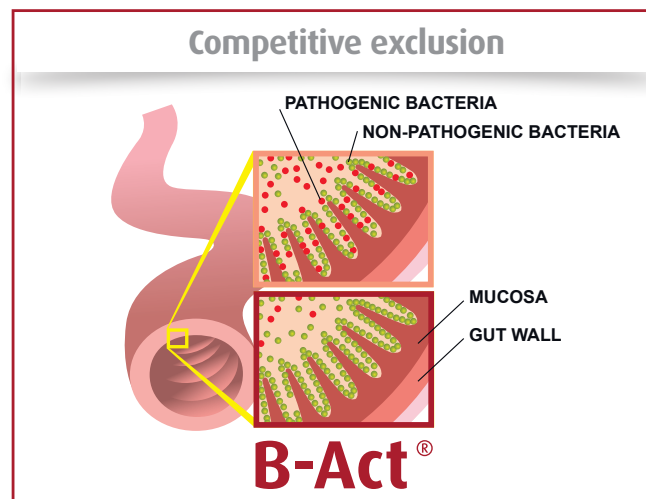


## MODE OF ACTION

B-Act® establishes and maintains a beneficial microbial population in the gut by creating a favourable environment for beneficial bacteria by means of competitive exclusion and by direct antagonism against *Clostridium perfringens*.

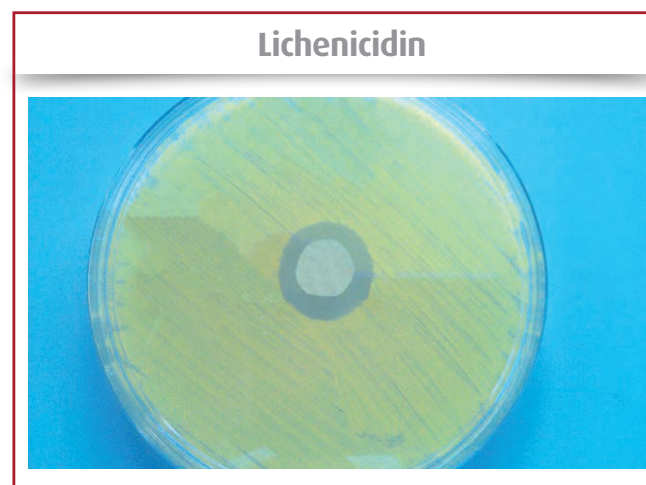
### 1. Competitive exclusion

B-Act® colonises intestinal mucosa, blocks the attachment and subsequent colonization by invading enteric pathogens through competition for nutrients and attachment site.



### 2. Lichenicidin

B-Act® produces the peptide lichenicidin, a bacteriocin selectively inhibiting the growth of *Clostridium perfringens*.



## USAGE

### TARGET SPECIES

For use in drinking water for chickens for fattening and chickens reared for laying.

### INDICATIONS FOR USE

- Inhibition of *Clostridium perfringens*/*Clostridia spp.*
  - Prevention of necrotic enteritis
  - Reduction of dysbacteriosis
  - In combination with coccidiosis vaccine or chemical
- To boost general gut health
- To reduce *Salmonella*

### DOSING

Administer sachet (100 grams) per 20,000 birds per day for a minimum of 7 days.

Prepare stock solution by adding 1 sachet of 100 gram per 10 liters of drinking water. Stock solution may be used for up to 2 days after preparation.