

Bactalis™

A POTENT GUT HEALTH STABILIZER

Description

Bactalis™ is viable, naturally occurring & thermostable proprietary probiotic strain of *Bacillus subtilis* to be used as feed additive to balance intestinal microbial flora & improved body weight gain.



Key Ingredients

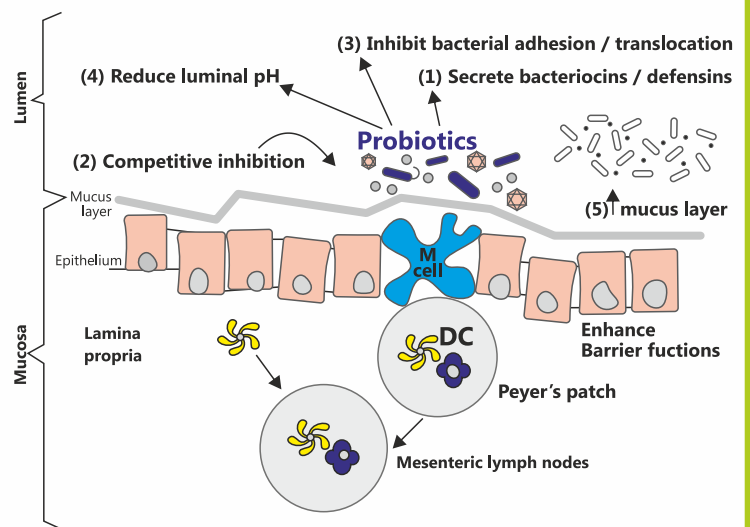
Bactalis™ is a direct-fed microbial feed additive containing *Bacillus subtilis* endospores and available with guaranteed potencies of 2×10^9 CFU/g and 20×10^9 CFU/g.

Features

- *Bacillus subtilis* endospores that survives pelleting and unfavourable conditions.
- Efficient and fast germination.
- Effective dual mode of action by enhancing growth performance and healthy gut microbiota balance.
- Optimizes & maintains gut microbiota balance.
- Improves digestibility & better utilization of nutrients.
- Regulates lipid metabolism & increases subcutaneous fat.
- Increases body weight gain & improves FCR.

Mechanism of Action

- *Bacillus subtilis* PLSSC is a facultative aerobe with its spores surviving low pH and bile conditions in the gut and consumes oxygen which results in positive environment for growth of native probiotic pool of gut.
- Produces enzymes like lipases, amylases, proteases which improve digestibility & energy conversion of feed.
- Prevents the growth of pathogens by producing subtilisin, short chain fatty acids and surfactin.



Inclusion Rate

Bactalis BCT

- Pre-Starter & Starter: 500g/ton of feed.
- Finisher: 250-500g/ton of feed.
- Layer/Breeder: 250-500g/ton of feed.

Bactalis BCT20

- 50g/ton of feed.

Not recommended in drinking water.

Product Specifications

Bacillus subtilis PLSSC Endospores

- Bactalis BCT (2 x 10⁹ CFU/g) and Bactalis BCT20 (20 x 10⁹ CFU/g).

Physical Appearance

- Free flowing, light beige powder.

Storage Stability

- Store in dry conditions, away from sunlight and temperature not exceeding 35°C.

Shelf Life

- Best before 18 months from the month of manufacture.

Packaging

- Available in 25 Kg HDPE drum and 20Kg (5x4) pack size.

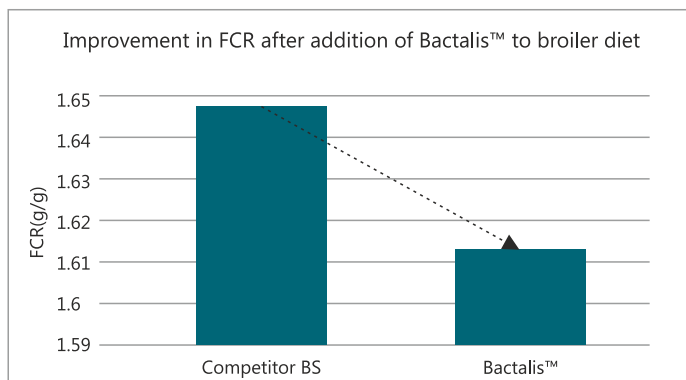
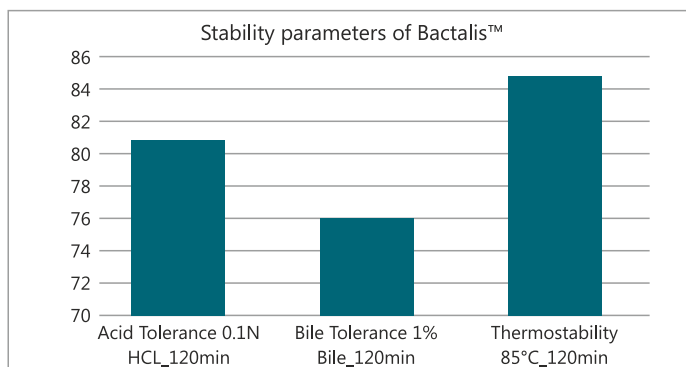


Key Benefits

- Consistently promotes growth, performance and healthy gut microbiota.
- Production of short chain fatty acids (SCFA) and metabolites with proven activity against *C. perfringens*, *E.coli* and *S. enteritidis*.
- Builds up immunity against pathogens in early chick stage and mitigates infection risks including necrotic enteritis.

Stability & Compatibility

- Bactalis has better acid tolerance, bile tolerance, thermostability and proven compatibility with antimicrobials.



Analysis of field trial data

The comparative field trial data of Bactalis as generated from multiple broiler trials at a farm in India.

The effect of Bactalis vs Competitor-BS on 42 days of broiler growth performance.

Treatment	Competitor BS	Bactalis™
Feed intake (g/bird)	3667	3708
Body weight (g/bird)	2226	2299
FCR (g/g)	1.64	1.61
Mortality (%)	1	0.6



Advanced Bio-Agro Tech Limited (ABTL)

Corporate Office:

No. 201, 2nd Floor, S.N.6/1/1,
Deron Hills, Behind Big Bazaar,
Baner Road, Pune 411045.

CIN:U24100MH2004PLC149464

Registered Office:

5th Floor Sun Magnetica,
LIC Service road, Louiswadi,
Thane (W) 400604 (India).

📧 info@abtl.in

☎ +91-020-27291020/21

🌐 www.abtlenzymes.com