



nuevo  
empowering evolution



nucid BH

**PREVENTION  
IS SMARTER**



**nucid** is the smart decision as it prevents pathogens' growth, fosters balanced gut ecosystems and regulates beneficial and harmful bacterial populations.



**nucid** improves digestibility and nutrients' absorption, reduces the use of antibiotics, harmonizes the microbiota, bringing widespread beneficial effects while promoting a holistic approach to animal well-being production and supports sustainability.



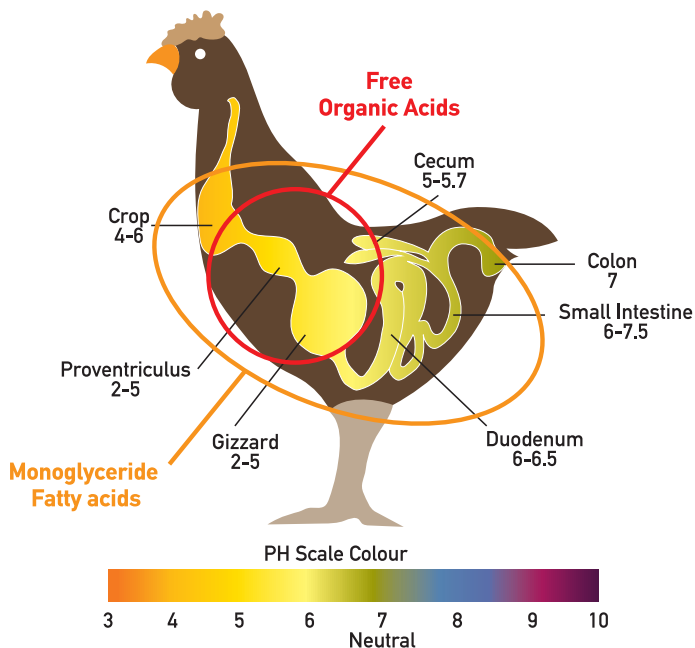
### **Substantiators**

**nucid** range contains combinations of organic acids' glycerides combined with a natural bioactive blend to support gut health and optimize performance. Monobutyryl will have an anti-bacterial effect against Gram negative bacteria and promote overall growth, Monovalerin improves FCR, while Monolaurin acts against the fat enveloped viruses. The natural bioactive blend will enhance nutrients' digestibility and absorption.

# Balancing Gut Health for Sustainable Growth

# nucid BH

is a glyceride of butyric acid (butyrin) with a natural phytoantic and probiotic combination to control and maintain the gut health and balance.



Glyceride of butyric acid is an organic acid bound in a form of stable ester with glycerol. It is not pH dependent, and this makes it active in the entire GIT. Glyceride of butyric acid has a strong antibacterial effect against gram-negative bacteria, *Cl. perfringens* and coccidia and it is a source of energy for the enterocytes.



The phytoactive component in **nucid BH** is a well-balanced blend of natural bioactive compounds which boost the natural anti-inflammatory and cyto-protective functions of the animal.

Butyric acid is beneficial for intestinal health and growth performance, especially in young and vulnerable animals. Among the short chain fatty acids, butyric acid has special properties. Literature extensively describes its strong capacity to improve intestinal health. It is the preferred nutrient for colonic enterocytes and stimulates epithelial cell proliferation and differentiation.

**nucid BH** will be active in the entire GIT, and in combination with the phytoactive components, it will:

- Exercise an antimicrobial effect against Salmonella, E. coli, Necrotic Enteritis and Coccidia
- Stimulate the intestinal development
- Protect the tight junction integrity
- Regulate the microbiota balance, favouring the growth of beneficial bacteria, the performance and it will improve egg production in layers and breeders

**nucid BH** is heat stable, no smell, neutral taste, non-corrosive, non-volatile.

**Dose: 0.5 - 1 kg / ton of feed**