

FormaXOL™

A non-antibiotic solution, supported by its encapsulation technology and empowering synergism in between its ingredients, to manage *Enterobacteriaceae* (e.g. *Salmonella*, *E. coli*)



Enterobacteriaceae management

Salmonella and *E. coli* are a part of most monogastric animal production, in both healthy and symptomatic flocks. They themselves can cause disease, mortality and loss of production in most livestock species.

They are an even greater concern as many of them are zoonotic, meaning them can bring disease to healthy humans by handling the animals or cooking and consuming animal products. As eradication of those potential pathogens is not feasible, the management of them is a key focus across all livestock species.



Benefits

- Is a non-antibiotic solution for bacterial control
- Works in the animal
- Contributes to food safety with safe meat and eggs
- Reduces carcass contamination in the slaughterhouse
- Avoids *E. coli* associated losses during production cycle
- Facilitates meat and egg export (compliance with *Salmonella* regulations)



The science behind

Formic acid has been proven to kill *Salmonella* & *E. coli*. In FormaXOL formic acid, citric acid, and functional flavours are microencapsulated with two specific technologies to withstand both feed processing and have an effect along the digestive tract.



Why is the encapsulation technology so important?

Organic acids and functional flavours have to reach the intestine to act synergistically on potential pathogens. The two encapsulation technologies (coacervation & fluid bed) allow for optimal *Enterobacteriaceae* management.

Delivered at the right spot due to its technology, the functional flavours will damage the gram-negative bacterial cell wall and facilitate the entrance of the organic acid within the bacteria, resulting in bacterial death.



INCLUSION RATE FORMAXOL*



0.5-2.5kg/t of feed for meat-type poultry



0.5-4kg/t of feed for layers and breeders and game birds



1-1.5 kg per ton of feed

* Other variants FormaXOL F, Formyl, Formyl 2B are available in some markets.



Packaging

- 25 kg bags



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