Acidene

Formulations | Healthcare

A Potential Combination of Organic Acids

COMPOSITION

Each one liter Contains: Orthophosphoric Acid 157.5 g, Propionic Acid 10 g, Acetic Acid 250 g, Lactic Acid 100 g, Citric Acid 75g and Formic Acid 30 g.

MODE OF ACTION

1. pH Reduction: Organic acids lower the pH of the environment, creating an acidic condition that many pathogens find unfavorable for growth. This can inhibit the proliferation of bacteria like Salmonella and E. coli. Once inside, they can lead to acidification of the cytoplasm and disrupting cellular functions.
2. Cell Membrane Disruption: Organic acids can penetrate bacterial cell membranes, leading to disruptions in membrane integrity. This can result in leakage of cellular contents and ultimately cell death.
3. Inhibition of DNA : The COO- group of the organic acid react with bacterial DNA and inhibit the activity of specific enzyme systems, such as those required for the multiplication of the genetic material DNA. As a result, the microorganisms can no longer propagate.

INDICATION

- Reduces and stabilizes water and gut pH
- Reduces loads of harmful bacteria from stomach and gut
- Shows activity against harmful pathogen (bacteria, fungus and virus)
- Supports digestion by activation of enzyme
- Supports microbial balance and improves intestinal health
- Significantly improves FCR and performance of poultry

DOSAGES & ADMINISTRATION

Mix accurately into drinking water or liquid fodder.
Poultry: 50-100 ml every 100 liters of drinking water. (0.5-1 mL/liter drinking water)

STORAGE

Store below 30 ° C, Keep away from light. Keep out of reach of Children.

PACK SIZE

100 mL, 500 mL & 1 Liter