

Acidifier

Biotronic® SE forte liquid

Reduces microbial contamination, supports a beneficial gut flora and enhances animal growth

Biotronic® SE forte liquid is a powerful combination of synergistically acting organic acids and salts. Apart from its pH decreasing action, the selected acids penetrate the cell wall of gram-negative bacteria. Once inside the cell, the acids dissociate. The hydrogen ion reduces the plasma pH and the anion disrupts DNA synthesis. This dual mode of action inhibits bacterial proliferation. Furthermore, due to specific organic acids, it supports *Lactobacilli* and therefore contribute to eubiosis.

Benefits:

- Reduced pH and microbial counts in feed, water and gastrointestinal tract
- Promoted beneficial microflora
- Optimised protein and fat digestion
- Improved growth performance
- Reduced diarrhoea, mortality and morbidity rates

Application:

The use of **Biotronic® SE forte liquid** is indicated for the control of gram-negative bacteria including *E. coli* and *Salmonella* in order to promote animal growth in poultry and swine.

Biotronic® SE forte liquid can be used in drinking water, liquid feeding and finished feed.

Dosage:

0.5–2.0 litre/1000 litre of drinking water, 1.0–3.0 litre/t finished feed.

In critical periods (weaning, stress, feed change) it is recommended to use up to 3 l/1000 drinking water and up to 5 l/t feed. Dose depends on the intensity of bacterial challenge, feed composition and water quality.



QS – Ihr Prüfsystem
für Lebensmittel

BIOMIN GmbH, A-3130 Herzogenburg
Industriestrasse 21, AUSTRIA,
Tel: +43 2782 803 0, Fax: +43 2782 803 30
e-Mail: office@biomin.net
www.biomin.net

Effectiveness of Biotronic® SE forte liquid

Broilers

The trial was conducted with broiler chickens in Germany.

The trial group received **1 l Biotronic® SE forte liquid** per 1000 l water whereas the control group received no acidification.

Final weigh (g)	1.929	Biotronic® SE forte liquid
	1.803	Control group
ADWG (g)	49.7	Biotronic® SE forte liquid
	46.3	Control group
Feed conversion	1.62	Biotronic® SE forte liquid
	1.74	Control group



QS-Ihr Prüfsystem
für Lebensmittel

BIOMIN GmbH, A-3130 Herzogenburg
Industriestrasse 21, AUSTRIA,
Tel: +43 2782 803 0, Fax: +43 2782 803 30
e-Mail: office@biomin.net
www.biomin.net