



## ADDCON XL forte

The liquid broad spectrum acidifier!

Flexible usage – stable results

Animal producers suffer from losses caused by a wide range of Gram-negative and Gram-positive bacterial contamination and associated effects on the livestock, such as lower daily weight gain, impaired feed intake, diarrhoea as well as increased veterinary costs and mortality.

The strongest bactericidal and bacteriostatic effects among organic acids have been demonstrated for formic acid.

ADDCON has made the documented effects of formic acid even stronger – by combining this trusted acid with the patented impact of medium chain fatty acids and antioxidants to broaden the efficacy range.

ADDCON XL forte stands for:

- ADDCON XL forte reduces the total microbial load in the drinking water and in the upper digestive tract
- ADDCON XL forte fights harmful Gram-negative and Gram-positive bacteria – thus reduces diarrhoea by up to 100%
- ADDCON XL forte improves performance due to increased digestibility and better FCR



High amount  
of active  
ingredients

Strong broad  
antimicrobial

Tested  
effectiveness



3<sup>rd</sup>  
generation  
acidifier

## Proven efficacy of ADDCON XL forte

Table 1:

Antimicrobial effect of formic acid against different bacterial (after Strauss and Hayler, 2001) – Minimal Inhibition Concentration MIC in %

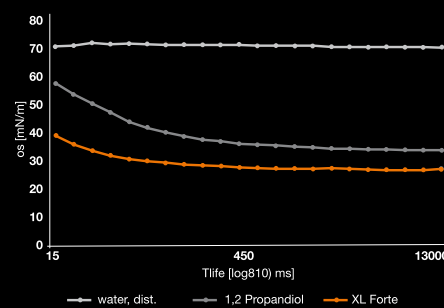
Bacteria	MIC (%)
Salmonella typhimurium	0.10
Escherichia coli	0.15
Listeria monocytogenes	0.10
Campylobacter jejuni	0.10
Clostridium botulinum	0.15
Clostridium perfringens	0.10
Pseudomonas aeruginosa	0.10
Staphylococcus aureus	0.15

Figure 1:



MIC trials with ADDCON XL forte against various antimicrobial agents

Figure 2:



ADDCON XL forte Surface tension – in comparison with dist. water and 1,2-Propandiol

## Technical data

### Composition:

pure distilled fatty acid, propylene glycol, isomaltulose-molasses, plant crude glycerine (80 %)

### Additives:

Formic acid (1k236), Propionic acid (1k280), Sodium formate (1k237i), Mixture of flavorings

### Storage and shelf-life:

ADDCON XL forte is to be stored in a dry, cool (frost-free) and dark place. Shelf-life of sealed original packages min. 24 months from production date.

### Packaging:

Canister (25 L)  
Drum (215 L)  
IBC (1000 L)

### Dosage:

ADDCON XL forte is used in the drinking water of poultry and swine - target



The use of ADDCON XL forte under practical conditions shall be a part of the new feeding concept, leading to cost-effective and pathogenic-free livestock production!

## Certification



ADDCON –  
EU-hygiene regulation 183 / 2005:  
α-Nr. Bitterfeld: DE ST 100033, DE ST 100024  
α-No. Porsgrunn: α NO 10050081

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