



PRODUCT INFO
& DATASHEET

SICOBAC-100

ZINC BACITRACIN 10% PREMIX

POWDER OR GRANULAR

ANTI-BACTERIAL FEED ADDITIVE

- * IMPROVES LIVE WEIGHT GAIN
- * LOWER MORTALITY
- * INCREASES EGG MASS
- * REDUCES FEED CONVERSION RATIO
- * COST EFFECTIVE & RELIABLE & SAFE

**GET BETTER RESULTS WITH
SICOBAC[®] 100 POWDER / GRANULATED**



COMPOSITION

SICOBAC[®] 100 is an antibacterial feed additive containing 100 gr. zinc bacitracin per kg.

PHYSICAL PROPERTIES

- * A yellow-brown powder or granular product
- * Characteristic odor
- * Highly stable in the dry form: 36 months expiration dating, when stored dry at ambient temperatures
- * Not soluble in water, acetone and chloroform, almost soluble in ether
- * No incompatibility with standard feed ingredients

ACTIVITY

*** Effects of Zinc bacitracin against Gram-negative bacteria**

Zinc bacitracin has strong anti-bacteria activities to Gram-positive and a few Gram-negative bacteria. It can inhibit the growth of most pathogenic clostridia, streptococcus, drug-resistant staphylococcus aureus, clostridium tetani and abnormal bacteria flora.

*** Effects of Zinc bacitracin on intestines of animals**

Zinc bacitracin has extraordinary inhibition effect to clostridium perfringens which can inhibit animal growth and cause necrotic enteritis. Therefore, zinc bacitracin can prevent production of toxins and inflammation of cells in the intestines, and the intestines wall can effectively absorb nutrients. The feed efficiency is improved and animals can grow better.

*** Effect of Zinc bacitracin on absorption of feed components**

Zinc bacitracin is divided into zinc and bacitracin within the body of livestock and poultry, to significantly increase the effects and availability of various trace elements and amino acids in feed.

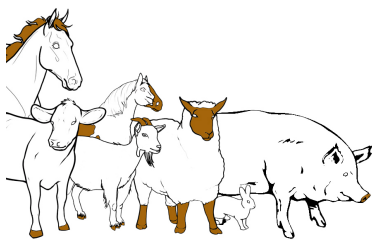
SAFETY & RELIABILITY

- Has wide margin of safety.
- No withdrawal time required as SICOBAC[®] is not absorbed from the intestinal tract; no detectable tissue residues or deposits in meat, eggs and milk.
- Decomposes quickly after being excreted, so does not contaminate environment.

Any information in this publication is believed to be accurate and is given in good faith, but is for the customer to satisfy himself of the suitability for his own particular purpose. No representation, warranty or guarantee is made to its accuracy, reliability or completeness.

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SICO FEEDS
EVERY TIME THE *right* SOLUTION



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- No drug resistance: even not after prolonged use. There is synergetic effect, when it is used together with penicillin, streptomycin, neomycin and polymyxin E etc. Zinc bacitracin can increase the effect of other antibiotics. For example, when zinc bacitracin is used with polymix E, its inhibition effect to salmonella pollorum can be increased 8 times.

ZINC BACITRACIN is a safe and reliable antibiotic and growth promotor exclusively used for animals and widely used in many countries around the world.

INDICATIONS FOR USE

- To improve live weight gain & hen carcass weight & fertility rate
- To improve egg production and increase egg mass
- To improve feed conversion efficiency
- Widely used to cure bacillary dysentery, serious and lasting diarrhea, necrotic enteritis, pullorum etc.

DOSAGE AND ADMINISTRATION

Mix SICOBAC[®] 100 powder or granules thoroughly with the feed within following approved inclusion limits:

ANIMAL	SICOBAC [®] 100 POWDER/GRANULAR (kg/ton of feed)	BACITRACIN ACTIVITY IN FINISHED FEED (mg/kg)
Poultry layers	0.15 - 1.00	15 - 100
Poultry breeders	0.15 - 1.00	15 - 100
Poultry broilers	0.05 - 0.50	5 - 50
Turkeys:		
- up to 4 weeks	0.05 - 0.50	5 - 50
- 4 weeks to 26 weeks	0.05 - 0.20	5 - 20
Poultry (other than layers, breeders, broilers, turkeys, ducks, geese and pigeons):		
- up to 4 weeks	0.05 - 0.50	5 - 50
- 4 weeks to 16 weeks	0.05 - 0.20	5 - 20
Fur animals, excluding rabbits	0.05 - 0.20	5 - 20
Calves and lambs: - up to 16 weeks	0.05 - 0.50	5 - 50
- 16 weeks to 6 months	0.05 - 0.20	5 - 20
Pigs up to 6 months	0.05 - 0.50	5 - 50

PACKING

In 25 kgs bags.

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