

YH BACITRACIN METHYLENE DISALICYLATE 10% W/W GRANULE

ACTIVE CONSTITUENT: Bacitracin (As bacitracin methylene disalicylate) 100mg/g. 1mg bacitracin equivalent to 42iu.

PRODUCT DESCRIPTION: Light yellow to light brown granule. **ROUTE OF ADMINISTRATION:** Oral administration.

INDICATIONS AND RECOMMENDED DOSAGE:

Species	Grams bacitracin per ton of feed	Grams product per ton of feed	Indications for Use
Growing/finishing swine	250	2500	For control of swine dysentery (bloody scours) associated with <i>Treponema hyodysenteriae</i> on premises with a history of swine dysentery but where signs of the disease have not yet occurred or following an approved treatment of the disease condition. As for sole ration. Not for use in swine weighing more than 250 pounds (113.398 kg). Diagnosis should be confirmed by a veterinarian when results are not satisfactory.
Pregnant sows	250	2500	For control of clostridial enteritis caused by <i>Clostridium perfringens</i> in suckling piglets when feed to sows from 14 days before through 21 days after farrowing on premises with a history of clostridial scours. Feed as the sole ration to sows from 14 days before through 21 days after farrowing. Diagnosis should be confirmed by a veterinarian when results are not satisfactory.
Broiler and replacement chickens	50	500	As an aid in the prevention of necrotic enteritis caused or complicated by <i>Clostridium</i> spp. or other organisms susceptible to bacitracin methylene disalicylate. Feed as the sole ration.
	100-200	1000-2000	As an aid in the control of necrotic enteritis caused or complicated by <i>Clostridium</i> spp. or other organisms susceptible to bacitracin methylene disalicylate. Feed continuously as the sole ration. Start at first clinical signs of disease, vary dosage based on severity of infection, administer continuously for 5 to 7 days or as long as clinical signs persist, then reduce medication to prevention level (50 grams per ton) (500 g of YH Bacitracin Methylene Disalicylate 10% W/W Granule per ton of feed).

PHARMACODYNAMICS & PHARMACOKINETIC:

Bacitracin is an antibiotic from the group of peptide antibacterial compounds. Bacitracin is produced by *Bacillus lincheniformis*, *Bacillus subtilis*, and is a mixture of several closely related polypeptides, mainly consisting of bacitracin A, B₁, B₂, C and a small portion of bacitracin F. Bacitracin is mainly active against Gram-positive microorganisms. After oral application to chickens and pigs, bacitracin is hardly absorbed from the gastrointestinal tract, and the distribution to organs and tissues is negligible. In chickens and pigs, approximately 95% of an oral dose is excreted via faeces, and only 3% or less via urine. Bacitracin is metabolized to amino acids and smaller peptides via the main metabolite desamidobacitracin, which is microbiologically inactive. Main metabolites in faeces are bacitracin A, B₁, B₂, F, desamidobacitracin and catabolic peptides. In urine and bile only, hydrolytic cleavage products (di- and tripeptides) are present.

WARNINGS AND PRECAUTIONS: When handling the product, avoid inhalation, oral exposure and direct contact with skin or eyes. Keep out of reach of children. Do not use in feeds containing pellet binding agents with the exception of Ameri-Bond 2x (Calcium lignosulfonate) and Pel-Stik.

INTERACTION WITH OTHER MEDICINAL PRODUCT:

Bacitracin methylene disalicylate may also be used in combination with: (i) Amprolium; (ii) Amprolium and ethopabate; (iii) Decoquinat; (iv) Diclazuril; (v) Fenbendazole; (vi) Halofuginone; (vii) Hygromycin B; (viii) Ivermectin; (ix) Lasalocid sodium; (x) Monensin; (xi) Narasin; (xii) Nicarbazine alone and with narasin; (xiii) Nitarsone; (xiv) Robenidine; (xv) Salinomycin; (xvi) Semduramicin; (xvii) Zoalene.

PREGNANCY AND LACTATION: None known. The use is not recommended during pregnancy and lactation. To avoid result in reverse effects, the product should be used according to the benefit/risk assessment of the responsible veterinarian.

OVERDOSE AND TREATMENT: Stop medication and to seek for veterinarian advice if there is sign of over dosage.

STORAGE CONDITION: Store in a cool (25°C) and dry place. Avoid light and close tightly.

CONTRAINDICATION: Do not use in case of hypersensitivity to the active substance or to any of excipients.

SIDE EFFECTS: None known.

SHELF LIFE: 2 years

WITHDRAWAL PERIOD: Nil

PACKAGING: 25kg/bag.

DATE OF REVISION: October 2018

SHELF LIFE AFTER RECONSTITUTION OR DILUTION: 6 months

MANUFACTURED BY:

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