

QAS LINK 4.4 %

NUTRITIONAL SUPPLEMENT IN ORAL POWDER

1. COMPOSITION

Each g contains: lincomycin hydrochloride 44 mg.

2. DESCRIPTION

QASLINK contains lincomycin, an antimicrobial agent specifically active against Gram-Positive pathogens and anaerobic bacteria such as *Clostridium* spp. Antimicrobials are the most common feed additives used to improve weight gain and to increase feed efficiency. Regardless of mechanism of action, antimicrobial agents have been and continue to be effective growth promoters when incorporated into the feed at low levels. The degree of growth promotion achieved will very much depend upon other factors, such as environmental and management conditions on the farm where the additive is being used.

Lincomycin is a lincosamide antibiotic. It inhibits the synthesis of proteins in the bacteria. Lincomycin binds to the 50S ribosomal subunit in close to the peptide transference site and it interferes the elongation process by promoting the dissociation of the complex peptide-tARN in the bacterial ribosome. Lincosamides are considered bacteriostatic although they can be bactericides according to the sensitivity of the microorganism and / or the concentration of the antibiotic.

It is readily absorbed. The peak plasma level is achieved in 2 – 4 hours and is widely

distributed. Lincomycin can reach the brain membranes in presence of meningitis. Elimination of non-metabolised lincomycin (half-life $t_{1/2}$ 5.8 hours) is quicker than the elimination of the total residues. At zero hours, more than the 50 % of the residues in muscle consist of lincomycin and an unknown metabolite. During the treatment, the excreted products contained mainly non-metabolised lincomycin (60-85 %).

3. RECOMMENDED USE

Increase weight gain rate.

4. CONTRAINDICATIONS

Do not administer to animals which have shown hypersensitivity to lincomycin; horses, because lincomycin produces haemorrhagic colitis and serious diarrhoea with fatal results; animals which show pre-existent infections caused by *Monilia* spp.; rabbits, hamsters and ruminants in general, because Lincomycin is toxic and produces serious gastrointestinal disturbances.

5. ADVERSE EFFECTS

It may produce diarrhoea, anal tumefaction, excitation, and skin reddening.

6. SPECIAL PRECAUTIONS

Mix well with the feed to ensure a homogeneous distribution. Avoid the contact with the skin and mucous. Use gloves, glasses and mask during the manipulation of the



SUPER'S DIANA, S.L.
08150 Parets del Vallès
(Barcelona), SPAIN
Tel. +34 93 8437536
www.supersdiana.com



Poultry & Livestock Solutions
Office: Opp. King Mall, Near
Wapda Town, G.T.Road
Gujranwala, Pakistan
Phone: +92 55 4284177-88

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premix. Do not administer together with macrolides or chloramphenicol.

7. ADMINISTRATION

Oral use in feed.

- Improved weight gain: 50 g/tonne of feed, for 7-10 days.
- Control of necrotic enteritis & CRD: 100 g/tonne of feed, for 7-10 days.
- Treatment of necrotic enteritis & CRD: 250-500 g/tonne of feed, for 7-10 days.

8. TARGET SPECIES

Poultry.

9. WITHDRAWAL PERIOD

Poultry (meat and offal): 6 days.

10. STORAGE CONDITIONS

Store below 30 °C.

Store in a dry place, away from light.

Shelf life after first opening: 3 months.

11. SIZES

25 kg



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