

LINCOMYCIN - 40S

Contains per gram powder: 400 mg lincomycine base equivalent to 434,4 mg lincomycin hydrochloride soluble powder



EFFECTIVE

- First choice antibiotic against necrotic enteritis; swine dysentery, respiratory, Dermal & Mycoplasma infections
- Fast-acting & Highly soluble

IMPROVES GROWTH

- Promotes growth and improves feed conversion

SAFE

- Effective and safe on poultry/pigs of all ages
- Low toxicity in case of overdosing

INDICATIONS

Broiler chickens, Layers & Turkeys:

For the prevention and treatment of:

- Necrotic enteritis (Clostridium perfringens)
- Improvement of weight gain and reducing mortality
- CRD & Airsacculitis (Mycoplasma spp.)
- Infectious synovitis (Mycoplasma synoviae)
- Dermatitis (Staphylococcus Infections)

Pigs:

For the prevention and treatment of:

- Swine dysentery (Brachyspira hyodysenteriae)
- Mycoplasmal pneumonia

Non-ruminating calves:

- Enteritis
- Pneumonia

Non-ruminating sheep & goats:

- Contagious footrot
- Respiratory infections
- Clostridium infections

DOSAGE AND ADMINISTRATION

For oral administration via drinking water, feed or milk.

Dosage is based on an approved dosage level of lincomycin (as lincomycin hydrochloride) of 5 -10 mg/kg BW per amount of water/milk as the sole drinking source for the animal. Prepare fresh stock solutions daily

Broiler chickens, Layers & Turkeys:

Necrotic enteritis

- Prevention: 65–110 g LINCOMYCIN-40S per ton of feed
- Treatment: 110 g LINCOMYCIN-40S per ton of feed for 7 days

Mycoplasma infections

- 150 g LINCOMYCIN-40S per 2000 l of drinking water, for 7 days (5 mg/kg body weight/day)

Growth stimulation

- 5 g LINCOMYCIN-40S per ton of feed

Pigs:

Dysentery

- 150 g LINCOMYCIN-40S per 1200 l of drinking water (5 mg/kg body weight/day)
- 300 g LINCOMYCIN-40S per ton of feed. (for 5 days)

Enzootic pneumonia

- 150 g LINCOMYCIN-40S per 600 l of drinking water (10 mg/kg body weight/day) for 2 weeks.
- 600 g LINCOMYCIN-40S per ton of feed for 2 weeks.

Lincomycin:

GRAM-POSITIVE BACTERIA		GRAM-NEGATIVE BACTERIA		NAKED CELLES
Actinomyces spp. Bacillus spp. Clostridium perfringens Clostridium tetani Corynebacterium spp. Erysipelothrix spp. Staphylococcus spp. Streptococcus spp.	Mycobacterium spp. Nocardia spp.	Bacteroides spp. Campylobacter spp. Fusobacterium spp.	Bordetella spp. E. coli Pasteurella Pseudomonas spp. Salmonella spp.	Mycoplasma spp.
SENSITIVE	RESISTANT	SENSITIVE	RESISTANT	SENSITIVE



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SCIENTIFIC INFORMATION

PHARMACOLOGICAL FORM & COMPOSITION

LINCOMYCIN – 40S is an oral water soluble powder. Each gram powder contains 434.4 mg lincomycine hydrochloride.

PHARMACODYNAMIC PROPERTIES

Lincomycin is a lincosamide antibiotic with a bacteriostatic action. In high concentrations, lincomycin can act as a bactericide. It is primarily active against Gram-positive bacteria (both aerobic and anaerobic), Gram-negative anaerobic bacteria and mycoplasma. It binds to the 50S ribosomal subunit of the bacteria and inhibits protein synthesis in the bacteria.

PHARMACOKINETIC PROPERTIES

Lincomycin is highly soluble and is well absorbed from the intestines. It is primarily excreted in the faeces as both parent compound and metabolites with large biliary contribution. Easily passing cell membranes, tissue concentrations exceed several times serum concentrations. Lincomycin is transported by polymorphonuclear neutrophils to the infection area; this may explain its efficient penetration and targeted activity in tissues difficult to reach.

ADVERSE REACTIONS

Gastrointestinal disturbances resulting in temporary mild diarrhea.

INTERACTION WITH OTHER MEDICINAL PRODUCTS

Antagonism may exist between lincomycin and erythromycin and concurrent use is therefore not recommended.

ENVIRONMENTAL WARNING

Any unused product or waste material should be disposed off in accordance with the local requirements.

MODE OF STORAGE

Store dry, in a well-closed container, below 25°C and protect from light. Keep out of the reach of children.

WARNING

For veterinary use only.

PACKAGE

150 g jar

1,5 kg jar

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