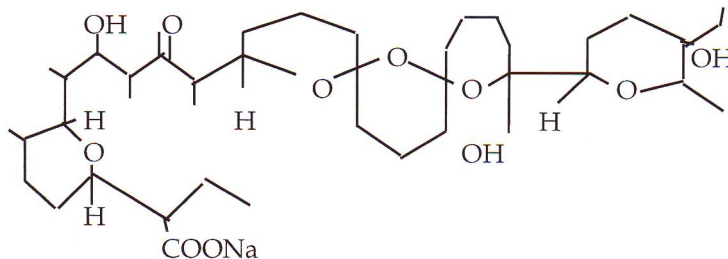




**PRODUCT INFO
& DATASHEET**

SALINOMYCIN 6% / 12%

Generic name : Salinomycin
Synonyms : Eustin, Salocin, Sacox
Structural formula :



Empirical formula : $C_{42}H_{69}O_{11}Na$
Molecular weight of the active substance : 772

PHYSICAL - CHEMICAL CHARACTERISTICS

Appearance	:	amorphous powder
Colour	:	beige to light brown
Odour	:	pecific
Identity	:	positive
Loss on drying	:	not more than 6%
pH of 2.5% solution	:	7 - 9.5
Sulphated ash	:	not more than 30%
Content of Salinomycin	:	min. 60 µg/mg (Salinomycin 6%) min. 120 µg/mg (Salinomycin 12%)

COMPOSITION

Salinomycin sodium	:	6 g	12 g
Ingredients	:		
- Mineral flour		5 - 20 g	1 - 5 g
- Chalk		10 - 40 g	2 - 10 g
- Mycellium mass		up to 100 g	up to 100 g

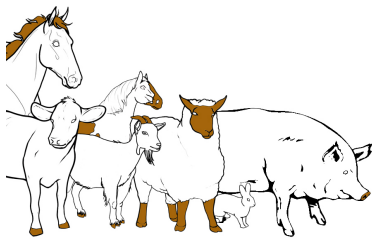
DESCRIPTION

Salinomycin is a polyether antibiotic from the group of ionophores. It has an anticoccidial effect against all species of causative agents of coccidiosis among poultry, etc. farm animals. It is active against gram-positive micro-organisms, some anaerobes and *Treponema hyodysenteriae*. The biological activity of Salinomycin is based on its ability to form complexes with the ions of alkaline metals, making the cellular membranes permeable for the mentioned ions, both in the cell and outside it. In this way, the inner-cellular ion concentration in the parasite cells is disturbed and the anticoccidial effect of the preparation realised. That action is manifested at the earliest stage of the development of coccidia in the micro-organisms, being a great advantage of Salinomycin. Mixed, in fixed doses, with the fodder of the ruminants (with pre-rumen), it considerably increases the growth on the base of increased molar concentration of propionic acid.

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



**PRODUCT INFO
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INDICATIONS

Coccidiosis in fowls caused by *Eimeria tenella*, *E. acervulina*, *E. mivati*, *E. brunetti*, *E. maxima*, *E. necatrix*. As a growth stimulator in pigs, calves and lambs (with developed prestomach).

CONTRA-INDICATIONS

Fodder, intended for chickens, should not be given to layers, guinea hens etc. animals, particularly not to horses and equine species. It is incompatible with Tiamulin, Erythromycin, Citasamycin.

MODE OF ADMINISTRATION

Perorally, well mixed in the fodder.

Note: For realization of full homogenization of the preparation with the fodder, please follow the recommended scheme for mixing by the method of the stage dilution:

Stage 1: 500 g Salinomycin 12% + 10 kgs of fodder

Stage 2: The mixture of stage 1 + 100 kgs of fodder

Stage 3: The mixture of stage 2 + 890 kgs of fodder

The recommended mixing scheme is given for dosage of Salinomycin 12% in fowls.

The stage dilution is analogically performed for the other animal species with Salinomycin 6% and 12% respectively.

DOSAGE

- Fowls : 60 ppm

1 kg of the preparation per 1 ton of fodder for Salinomycin 6% and 0.5 kg/ton for Salinomycin 12%

- Calves and lambs : 10 - 30 ppm

160 - 500 g of the preparation per 1 ton of fodder for Salinomycin 6% and 0.08 - 0.25 g/ton for Salinomycin 12%

- Pigs : 50 ppm

0.8 kg of the preparation per 1 ton of fodder for Salinomycin 6% and 0.4 kg/ton for Salinomycin 12%. In I period of pig's fattening (up to 60 kgs)

: 25 ppm

0.4 kg of the preparation per 1 ton of fodder for Salinomycin 6% and 0.2 kg/ton for Salinomycin 12%.

In II period of pig's fattening (from 60 to 110 kgs)

WITHDRAWAL TIME

- For fowls : 5 days after the last application of the preparation.

- For pigs, lambs and calves : no withdrawal time is necessary.

SHELF LIFE

2 years

STORAGE

In dry store-premises, at room temperature, protected from direct sunlight.

PACKING

In 25 kgs natron bags.