

BIOMIZOL

DESCRIPTION

Colistin, metronidazole and spiramycin injectable suspension.

TECHNICAL PROPERTIES

Colistin belongs to the polymyxins group, used parenterally against infections caused by *Aerobacter*, *E.coli*, *Haemophilus*, *Salmonella*, *Shigella*, *Pseudomona*, *Pasteurella*, *vibrio*, and *paracolon* bacteria. It is quickly absorbed after its injection, altering the permeability of the cellular wall. It is eliminated through the kidneys.

Metronidazole is a derivative of nitroimidazole and has antiprotozoary and antibacterial activity, specially for anaerobic flora.

Spiramycin is a macrolide whose intramuscular absorption is slow and it is also weakly fixed in plasma proteins. Its half life time in blood is 14 hours and it has a high fixation in tissues. In hepatic tissues it undergoes a biotransformation process and as it is eliminated through the milk it is a potent antimastitic antibiotic.

INDICATIONS AND SPECIES

It is intended for pigs in the treatment of dysentery and bacterial diarrhoeas caused by *E.coli*, *Clostridium spp.* and *Trepomona spp.* It can also be used in ruminants for the treatment of enterobacteric and clostridial diarrhoeas and for reproductive infections (*Trichomona*, *Histomona*) and mastitis.

COMPOSITION

Colistin methansulphonate	12 mIU
Spyramicin	10 g
Metronidazol	10 g
Excipient to 100 ml	

DOSAGE

It is administered through a deep intramuscular injection once every 24 hours in doses of 1 ml every 10 k.l.w.

INCOMPATIBILITIES

Have not been described but it is recommended not to use in animals that suffer from hypocalcaemic processes and are under injectable calcium treatment.

CONTRAINDICATIONS

Do not administer to animals with renal failures.

C/Luxemburg, 25 – Polígono
Industrial
Apdo 15 . 43120 CONSTANTÍ
(Tarragona)
Tel. 977 29 63 04 Fax 977 29 63 05
www.biovét-alquermes.com

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SPAIN
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Fax 34 – 977 29 63 05

PACKAGING

100 ml, 250 ml glass vials.

WITHDRAWAL PERIOD

Meat: 21 days.

Milk: 4 days.

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