

# COLITAN

Water Soluble Powder

Colistin Sulphate

حلا پزیر پاؤڈر  
کولی ٹان



Broad antibiotic spectrum  
Strong bactericidal capacity  
Good compatibility & Stability  
Prevent and cure diarrhea  
Promote growth in poultry  
Improve conversion ratio of  
feed and increase survival  
rate of young animals.

Manufactured by  
**WIMITS** Pharmaceuticals (Pvt.) Ltd.

Marketed by:



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کولیسٹین سلفیٹ

#### COMPOSITION:

Each gram powder contains:  
Colistin Sulphate (BP).....5 M.I.U.

#### INTRODUCTION:

Colitan contains Colistin which is a polypeptide antibiotic of the polymyxin group produced by cultures of Bacillus polymyxa var. colistinus. It interacts strongly with phospholipids in bacterial cell membrane, penetrates into and radically disrupts its permeability and function.

Colitan has a protective effect against the adverse effects of endotoxins due to its high activity to bind and neutralize the endotoxins produced by toxigenic strains of E.coli and Salmonella spp.

#### PROPERTIES:

Colistin is poorly absorbed from the gastrointestinal tract. The oral route of administration is very safe, well tolerated and no systemic or local adverse effects. The antibacterial activity of Colitan against susceptible bacteria remains located in the enteric tract. The drug is rapidly excreted via faeces.

#### INDICATIONS:

Colitan is indicated for the prevention and treatment of gastrointestinal infections caused by or associated with bacteria sensitive to colistin in poultry (including laying hens). Highly effective

against gram negative bacteria, which includes: Aerobacter, E.coli, Hemophilus spp., Klebsiella spp., Pasteurella spp., Pseudomonas, Salmonella spp., Shigella spp., Bordetella spp., Vibrio spp. and Paracolon bacteria.

Colitan is used for treatment of all digestive diseases caused by enteric gram negative pathogenic and toxigenic bacteria. In poultry: colibacillosis, colisepticaemia, colienteritis, enterotoxigenic salmonellosis, pullorosis, infectious coryza, klebsiellosis, bordetellosis, avian vibriotic hepatitis and pseudomonas infection.

#### DOSAGE & ADMINISTRATION:

**Poultry:** 1 gram per 10 litres of drinking water for 3-5 days.

**Calves, sheep and goats:** 1-2gram per 80 Kg body weight twice daily for 3-5 days.

#### CAUTION:

Store in a cool and dry place at 25°C. Close jar tightly after use. Protect from heat, light and moisture. Keep out of reach of children. Consult veterinarian before use. Wash hands after use.

#### خوراک و استعمال:

مرغیوں کیلئے: ۱۰ گرام فی ۱۰ لیٹر پانی میں ۵-۳ دن تک استعمال کریں۔  
بھینڑ، بھیر، بگری: ۱-۲ گرام فی ۸۰ کلو گرام جسمانی وزن کیلئے ۲ بار روزانہ ۵-۳ دن تک استعمال کریں۔

#### احتیاط:

گرمی، دھوپ اور نمی سے بچائیں۔  
تمام دوائیں بچوں کی پہنچ سے دور رکھیں۔  
ڈاکٹر کی ہدایات کے مطابق استعمال کریں۔

#### اجزائے ترکیبی:

فی گرام پاؤڈر میں  
کولیسٹین سلفیٹ (بی پی) ۵-۳ ایم آئی یو

#### علامات:

کولیسٹین ایک پولی پیپٹائیڈ اینٹی بائیوٹک ہے جو کہ سالمونیا، بورڈیلا، ای کولائی، اینٹیروسیکٹر، ہیپوفیلیس، پاپتوریلہ، سالمونیلہ وغیرہ کے خلاف موثر ہے۔

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