



ACT COLISTIN VITAWS

TECHNICAL DATA SHEET

Description:

Colistin is an antibiotic from the group of polymyxins with bactericidal action against Gram-negative bacteria like E.Coli, Haemophilus and Salmonella spp. Polymyxins interact strongly with phospholipids and penetrate into and disrupt the structure of cell membranes. They disorganise the outer membrane of Gram-negative bacteria by binding lipopolysaccharide (LPS, endotoxin) through direct interaction with the anionic lipid A region, thereby neutralising the endotoxin capacity of LPS. Colistin sulphate is poorly absorbed after oral administration, and serum concentrations are generally undetectable. In chickens, residues in serum were detectable for up to 6 hours after administration in the drinking water. Orally administered colistin is eliminated almost totally in faeces.

Composition:

Contains per gram powder:

Colistin sulphate.....	800.000 IU/gm
Vitamin A.....	2.500IU/gm
Vitamin D3.....	500IU/gm
Vitamin E.....	1IU/gm
Vitamin K3.....	2mg/gm

Indications:

Coli-800 oral is indicated for gastrointestinal infections caused by colistin sensitive micro-organisms like E-Coli, Haemophilus and salmonella spp in calves, goats, sheep, poultry and swine.

Contra-Indications:

Cases of hypersensitivity to colistin or to any of the excipients.

Administration to animals with seriously impaired renal functions or with an active microbial digestion.

Administration in subtherapeutic doses or in cases of resistance to colistin.

**Side Effects:**

Digestive alterations may appear, such as intestinal dysbiosis, accumulation of gases or mild diarrhoea. Overdoses may result in renal failure.

Dosage:

For oral administration with drinking water :

Calves, sheep and goats : Twice daily 1 ml per 40 kg body weight for 5-7 days

Poultry and swine : 1 liter per 2000-4000 liters of drinking water for 5-7 days

Only sufficient medicated drinking water should be prepared to cover daily requirements.

Medicated drinking water should be replaced every 24 hours.

Withdrawal Times:

For meat : 7 days

Packing : 1 kg, 5 kg and 25kg