DESCRIPTION







Doxycycline is a broad spectrum antibiotic that principally shows a bacteriostatic action. Like the other antibiotics of the tetracycline group, doxycycline inhibits bacterial protein synthesis.

Doxycyline is active against Gram-positive and Gram-negative bacteria of the following species: Staphylococcus, Diplococcus, Listeria, Bacillus, Corynebacterium, Neisseria, Moraxella, Yersinia, Brucilla spp., Erysipelothrix, Vibrio, Haemophilus, Actinobacillus, Bordetella bronchiseptica, Pasturella, Fusobacterium, Actinomyces. It is also active against spirochetes, micoplasmas, ureaplasmas, rickettsias, chlamydia, Erlichia and some protozoa (e.g. Anaplasma).

Doxycycline is very well absorbed after its oral administration. Because of its distinct lipophilic properties, doxycycline is excellently distributed over the tissues. Concentrations in the lungs of cattle and pigs are about twice as high as those in the plasma. Doxycycline for the largest part is excreted with faeces (intestinal secretion, bile), in a lesser degree with urine.

COMPOSITION

Doxycycline 200 mg – Excipients up to 1 g

INDICATIONS

For the treatment of infections caused by doxycycline sensitive germs in poultry, pigs and calves.

CONTRA-INDICATIONS

Do not use in animals with a previous history of hypersensitivity towards tetracyclines. Do not use in ruminant calves.

DOSAGE AND MODE OF ADMINISTRATION

50 mg DOXY 20% WSP per kg b.w./ day to be administered with the food or drinking water.

	Prevention	Treatment
Poultry	100g in 320 litres of drinking water for 3-5 days	100g in 200 litres of drinking water for 3-5 days
Pigs	100g in 260 litres of drinking water for 5 days	100g in 200 litres of drinking water for 3-5 days
Calves	-	1g per 20 kg b.w./day for 3 days

UNDESIRABLE EFFECTS

Diarrhoea by disturbance of the normal intestinal flora may occur. In severe cases, treatment should be stopped.

An acute enterotoxemia, cardiovascular disturbances and acute mortality seldom may occur in calves (particularly with overdoses.)

SPECIAL PRECAUTIONS FOR USE AND WARNINGS

Tetracyclines primarily are bacteriostatic drugs. Simultaneous use with bactericidal actino antibiotics (penicillins, cephalosporins, trimethoprim) possibly may cause an antagonistic effect.

It is advised to control regularly the in vitro sensitivity of isolated pathogenic germs. Drinking water facilities (tank, pipe, nipples, etc) should be cleaned thoroughly after cessation of medication.

PACK SIZE

100 g, 500g,1 kg, 5kgs Bags or Jars



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