



# PURYTL

**BLACK HORSE** **OF MYCOPLASMA CONTROL**



شركة اليسر لتجارة الأدوية





# PURTYL بيورتيل

## Composition

Each gm purtyl contains

Tylosin tartrate 1,000 mg, Granules for use in drinking water

## Pharmacokinetics

- 1- After oral administration Purtyl is well absorbed from the proximal parts of the digestive tract, so that a therapeutic blood level is rapidly attained.
- 2- Maximum therapeutic blood levels are reached within 1 - 2 hours.
- 3- Purtyl well diffused in body fluids and tissues specially lung.
- 4- Purtyl solution is stable at pH 4-9.
- 5- Purtyl Excretion is mainly through urine and bile.



## Pharmacodynamics

- 1- Purtyl (Tylosine) is a macrolide antibiotic
- 2- It has a Bacteriostatic action but give bactericidal activity at high concentrations.
- 3- Active against Gram- positive and Gram- negative.
- 4- Purtyl is very effective in the treatment of Chronic Respiratory Disease complex (CRD).
- 5- It is also efficient in the treatment of infectious synovitis and sinusitis.

## New Technical points

- 1- PURTYLhas a much higher content of the Factor A (Tylosin), which is, normally, higher than 90 %.

Factor A tylosin, the most important component in tylosin composition, as it is responsible for the antibacterial effect of tylosin

- 2- PURTYL, has a Loss on Drying lower than 2.5%

- 3- PURTYL composed of Tylosin tartrate that highly Soluble  
Highly absorbed after oral administration and Highly bioavailable

Factors of Tylosin	Purtyl
Tylosin A	92 - 95 %
Tylosin B	
Tylosin C	5.8 - 2.8 %
Tylosin D	
Tylosin A, B, C,D	97.8 %
Moisture	2.2 %

## Dosage

For the treatment of chronic respiratory disease

- 50 mg tylosin per kg BW per day.
- 110 g per 200 litres of drinking water during 3 days.

