

# KYDOX 100i

## Antibiotic - Sterile Injectable Solution



Veterinary Use



### FORMULA:

1 ml of product contains:

Doxycycline (as hyclate)\* ..... 100 mg

Excipients q. to ..... 1 ml

\*(equivalent to 115 mg of doxycycline)

### DESCRIPTION:

KYDOX 100i is an injectable solution of doxycycline, ready to be used by intramuscular way against several bacterial infections.

Doxycycline is primary bacteriostatic and thought to exert its antimicrobial effect by the inhibition of protein synthesis. Doxycycline is active against a wide range of gram-positive and gram-negative organisms.

The drugs in the tetracycline class have closely similar antimicrobial spectra, and cross resistance among them is common. Microorganisms may be considered susceptible to doxycycline (likely to respond to doxycycline therapy) if the minimum inhibitory concentration (MIC) is not more than 4 mcg/mL. Microorganisms may be considered intermediate (harboring partial resistance) if the MIC is 4 to 12.5 mcg/mL and resistant (not likely to respond to therapy) if the MIC is greater than 12.5 mcg/mL.

### PRESCRIPTION:

The product is an antibiotic, used for the treatment of series systemic infections due to Gram-positive and Gram-negative bacteria, protozoa such as Anaplasma and theileria spp, rickettiae, mycoplasma and ureaplasma. It has good effects for the prevention and treatment of cold, pneumonia, mastitis, metritis, enteritis, diarrhea, the control of post-operative and post-partum infections in cattle, sheep, and pigs. At the same time, it has a lot of virtues such as nonresistance, quick long and high acting effects.

### DOSE AND USE:

Intramuscular administration.

Cattle and deer: 1.02-0.05ml per 1 kg body weight.

Sheep and pigs: 0.05-0.1ml per 1kg body weight.

Dog, cats and rabbits: 0.05-0.1ml per time.

Once per day during 2 to 3 days.

### WARNINGS:

The product must be stored in its original container. Keep out of the reach of children. Avoid direct contact of product with skin and eyes. People with known hypersensitivity to the drug must avoid contact with product. Operator must wear mask, goggles, overall and rubber gloves. Keep adequate ventilation when product is applied. Take the product out of the package using sterile equipment. The product has certain stimulation to the body organ. Inject at more sites for large dosage. It is contraindicated in case of hypersensitivity to tetracyclines.

Do not administer in conjunction with penicillin.

Do not administer with divalent or trivalent cations because they can chelate tetracycline and decrease absorption.

### WITHDRAWAL PERIOD:

Meat: 21 days. Do not use in dairy cows producing milk for human consumption.

Store at a temperature between 15°C and 25°C, protected from light.

### PACKING:

100 ml glass vial.

