

# 118x188mm

## OXY-LA

### INJECTION



For Veterinary Use Only

#### COMPOSITION:

Each ml contains

Oxytetracycline (as HCl).....200mg

#### INDICATIONS:

**OXY-LA** injection is indicated for the treatment of respiratory infections, chronic respiratory disease, pasteurellosis, hemorrhagic septicemia, enteritis, diarrhea, mastitis, metritis and other infections caused by oxytetracycline sensitive microorganisms in cattle, buffalo, sheep and goat.

#### PHARMACODYNAMICS:

**OXY-LA** injection containing long acting oxytetracycline is a broad spectrum antibiotic with bacteriostatic activity and widely used for the treatment of both Gram-positive and Gram-negative bacterial diseases. Oxytetracycline exerts its action by protein synthesis inhibition. Tetracyclines enter into microorganisms both by diffusion and energy dependent conveyor.

#### PHARMACOKINETICS:

Oxytetracycline is quickly distributed in the body tissues after parenteral administration. A single injection of **OXY-LA** is sufficient to maintain therapeutic level for 3 days. High concentrations are found in kidneys, liver, bile, lungs, spleen and bones. Oxytetracycline is mainly excreted through glomerular filtration and biliary elimination. Oxyteracycline is eliminated by urine in partially active form and 50 - 80% of applied dose can be recovered in the urine.

#### DOSAGE AND ADMINISTRATION:

Administer the following dose by deep intramuscular injection. Repeat dose after 3-5 days after professional judgement.

**Cattle/Buffalo/Camel:** 10-15 ml per 100 kg bodyweight.

**Sheep/Goat:** 1-1.5ml per 10 kg bodyweight.

**Poultry:** 0.15-0.30 ml per kg bodyweight.

**Swine:** 1ml per 10kg body weight.

Severe infections may require a second injection after 3-5 days interval.

#### PRECAUTIONS:

Shake well before use. Store between 15-25°C in a cool and dry place. Do not administer in cases of ascertained renal insufficiency. Avoid association with penicillin. A transitory local irritation reaction with edema, swelling and erythema may last about 5 days at injection site. Accurate estimates of bodyweight are essential for most effective results. Keep out of the reach of children. Consult the veterinarian before use.

#### WITHDRAWAL PERIOD:

**Meat:** 30 days **Milk:** 14 days

**USP Specs.**



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