

# TERACIN

Oxytetracycline

## Composition:

**Teracin** Tablet: Each tablet contains Oxytetracycline Dihydrate BP 500 mg.

**Teracin** Powder: Each 100 gm powder contains Oxytetracycline USP 200 mg.

## Pharmacology:

Oxytetracycline is a broad spectrum antibiotic that can easily pass through the cell membrane or passively diffuse into bacteria. It inhibits bacterial growth by binding with 30S ribosomal subunit.

## Indications:

**Teracin** is indicated for the treatment of anaplasmosis, pneumonia, leptospirosis, foot rot, diphtheria, mastitis, black quarter, bacterial enteritis, navel ill, heartwater, dermatophilosis, wound, pink eye, mycoplasmosis, enzootic abortion (Bedsoniasis), shipping fever, pneumonia, post-operative infections, post-parturient infections, fowl cholera, fowl typhoid, CRD & CCRD.

## Dosage & Administration:

**Teracin** Tablet: Cattle/ Buffalo: 1-2 bolus/25-50 kg body weight. Goat/sheep- ½-1 bolus/10-20 kg body weight. Horse: 1 bolus/75 kg body weight. For reproductive diseases- Cattle/ Buffalo/ Horse: 1-2 bolus & Goat/ Ewe/ Dog/ Cat: ½ bolus introduced into the vagina. Poultry: 1-2 bolus/10 kg feed or 2 bolus/3.75 liter water by mixing. Fish: 75 mg/kg body weight for 5-10 days. Shrimp: 450 mg/kg body weight once daily.

**Teracin** Powder: Livestock: 1g/10-20 kg body weight for 3-7 days; Poultry: 1 g/L drinking water for 3-7 days; Fish: for prevention: 3-4 g/kg feed & for treatment: 4-6 g/kg feed; Shrimp: for prevention: 4-6 g/kg feed & for treatment: 8-10 g/kg feed for 5-7 days.

## Contraindication:

Contraindicated to the animal/poultry hypersensitive to oxytetracycline.

## Side effects:

Common side effect: Allergic reaction may be seen.

Rare side effect: Stomach ache, diarrhea, weakness and anorexia may be seen.

## Precaution:

Avoid skin contact & wash hands after use. It should not be used with calcium salt solutions.

## Drug interactions:

Efficacy of penicillin, iron dextran can be decreased when used with Oxytetracycline. The serum concentration of Oxytetracycline can be decreased when used with Bismuth subsalicylate, Calcium gluconate/lactate, Aluminium, Magnesium & Zinc salts. Allow 2-3 hours between doses of Oxytetracycline and Antacids.

## Pharmaceutical precaution:

Store in a cool and dry place (below 30° C), protected from light and moisture. Keep all medicines out of reach of children.

## Packing:

**Teracin** Tablet: 5X4 in alu-alu blister strip.

**Teracin** Powder: Each 1 kg pot contains 2X500 gm sachet.

**Teracin** Powder: Each sachet contains 100 gm powder.

Manufactured by:



Animal Health Division

**MEDICON**

Pharmaceuticals Ltd.

Mirpur, Dhaka, Bangladesh