

Oxytetracycline Hydrochloride

Water-soluble powder

For use in cattle, sheep, goats, piglets, and chickens

Composition

1 g of powder contains:

Oxytetracycline hydrochloride – 1000 mg

Description

Yellowish, odorless, water-soluble powder.

Pharmacological properties

Oxytetracycline hydrochloride is a tetracycline-group antibiotic with a broad spectrum of antibacterial activity. It is active against many Gram-positive and Gram-negative microorganisms (Staphylococcus spp., Streptococcus spp., Pasteurella spp., Escherichia coli, Salmonella spp.), as well as some species of mycoplasmas, chlamydia, and spirochetes.

It is not active against Proteus spp., Pseudomonas aeruginosa, many fungi, and viruses.

At recommended doses, the product is low-toxic for warm-blooded animals and does not cause local irritation or sensitization.

Pharmacokinetics:

After oral administration, oxytetracycline hydrochloride is well absorbed from the gastrointestinal tract and rapidly distributed to all organs and tissues. Therapeutic concentrations are maintained for up to 12 hours after a single dose. It is excreted in urine and feces.

Indications

For prevention and treatment of respiratory and gastrointestinal diseases, as well as urogenital infections in cattle, sheep, goats, piglets, and chickens, including:

- **Pneumonia**
- **Pleuritis**
- **Dysentery**
- **Pasteurellosis**

- Enteritis
- Infected wounds
- Secondary infections during viral diseases

Adverse reactions

Allergic reactions are possible.

Contraindications

- Individual hypersensitivity to oxytetracycline
- Renal insufficiency
- Second half of pregnancy
- Laying hens (restriction during egg-laying period)

Target species

Cattle, sheep, goats, piglets, chickens

Dosage and administration

Before use, dissolve in water or mix with feed.

- Cattle, sheep, goats:
Pharmacological dose: 10–20 mg/kg body weight
Practical dose: 1–2 g per 100 kg body weight
- Piglets:
Pharmacological dose: 15–30 mg/kg body weight
Practical dose: 1.5–3 g per 100 kg body weight
- Chickens:
Pharmacological dose: 20–50 mg/kg body weight
Practical dose: 0.5 g per 2.5 L of water

Administer once every 12 hours for 3–6 days.

Special warnings

Avoid skipping doses to prevent reduced therapeutic efficacy.

In case of allergic reactions or anaphylactic shock, administer adrenaline, glucocorticoids, and antihistamines.

When handling the product, observe hygiene and safety measures. Avoid contact with skin and eyes. Wear disposable gloves. Wash hands after use.

Interactions

Not recommended for use with mineral salt preparations, aminoglycosides, penicillins, cephalosporins, chloramphenicol, erythromycin, or sulfonamides.

Withdrawal period

- **Meat: 10 days after last administration**
- **Milk: prohibited during treatment and for 2 days after last dose**
- **Eggs for human consumption: prohibited**

Storage conditions

Store in a dry, light-protected place at 15–30°C.

Shelf life: 4 years

Packaging

**1 g sachet (triple-layer polypropylene/aluminum/polyethylene);
50 g and 250 g sachets (PET/aluminum/polyethylene);
0.5 g oral powder in dark glass vial.**

**Pharmacotherapeutic group: Systemic antibacterial agent, antibiotic
ATCvet code: QJ01AA06**

Keep out of reach of children.

For veterinary use only.

Dispensed by veterinary prescription.

Manufacturer: LLC “Biotecs”, 8 Iumashev Street, Tbilisi, Georgia