

# Coliflor SOLUTION

For Veterinary Use Only

## COMPOSITION:

Each ml contains  
Florfenicol.....230mg  
Colistin Sulphate.....0.5MIU

## INDICATIONS:

Coliflor Solution is indicated for the treatment of CRD, Pneumonia, Fowl Cholera, Infectious Coryza, Fowl Typhoid, Paratyphoid, Necrotic Enteritis, Omphalitis, Endocarditis, Bumble foot and Yolk Sac infections in poultry.

## Pharmacology:

**Florfenicol** is a broad-spectrum, bacteriostatic antibiotic that works by inhibiting bacterial protein synthesis. It binds to the 50S ribosomal subunit, preventing the elongation of the polypeptide chain and halting bacterial growth. Florfenicol is well absorbed after parenteral administration and is widely distributed throughout the body, including in the lungs, liver, and kidneys. It is metabolized in the liver and primarily excreted in the urine. This antibiotic is effective against a variety of bacterial infections, particularly respiratory infections in animals such as cattle, swine, and poultry.

**Colistin Sulphate** (Polymyxin E) is an antibiotic that targets Gram-negative bacteria by disrupting their outer membrane. It binds to lipopolysaccharides, destabilizing the bacterial membrane and causing cell death. Colistin is poorly absorbed orally but is effective when used parenterally or for localized gastrointestinal infections. It is distributed to various tissues, including the kidneys, liver, and lungs, and is mostly excreted unchanged by the kidneys. Colistin is commonly used to treat Gram-negative bacterial infections, particularly in livestock such as pigs and poultry. Its use can lead to nephrotoxicity, neurotoxicity, and gastrointestinal issues, especially at high doses or with prolonged treatment.

The combination of **Florfenicol** and **Colistin**

**Sulphate** offers a broad-spectrum antibacterial effect, making it highly effective in treating mixed bacterial infections in animals. This combination is commonly used for respiratory and gastrointestinal infections, providing a powerful solution for managing bacterial challenges in livestock.

## DOSAGE AND ADMINISTRATION:

Administer the following dose in the drinking water of poultry:

### Prevention:

1ml per 2-3 liters of drinking water for 3-5 days.

### Treatment:

1ml per 1-2 liters of drinking water for 3-5 days.

## PRECAUTIONS:

Use medicated drinking water within 24 hours.

Consult the veterinarian before use.

Keep out of the reach of children.

Protect from light and heat.

Store between 15-25 °C in a cool and dry place.

## WITHDRAWAL TIME:

**Meat:** 7 days

## Selmore's Specs.



 **Selmore**  
Pharmaceuticals (Pvt) Ltd.

Manufactured by:  
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