## Carprofen injection

Garprofen injection QRCode

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**Product Description** 

# What effect does Carprofen injection have on cattle?

<u>Carprofen injection</u> is used as an auxiliary agent of antibacterial drugs for the treatment of bovine infectious respiratory diseases and acute mastitis.

### Clinical pharmacology of Carprofen injection

Carprofen injection is a non-narcotic, non-steroidal anti-inflammatory drug with analgesic and antipyretic activity comparable to indomethacin in animal models. Carprofen is a non-steroidal anti-inflammatory drug (NSAID) of the propionic acid class. Like other non-steroidal anti-inflammatory drugs, the mechanism of action of carprofen is thought to be related to the inhibition of cyclooxygenase activity. A number of studies have shown that Carprofen has a regulatory effect on both humoral and cellular immune responses.

## **Contraindications of Carprofen injection**

Carprofen injection should not be used in cattle allergic to Carprofen. The drug can only be used by or on the order of a licensed veterinarian.

Animal safety: Laboratory studies and clinical field studies on unanaesthetized cattle have shown that carprofen is well tolerated in cattle after oral and subcutaneous administration.

#### Composition

Each ml contains:

Carprofen.....50mg

Excipients up to......1ml

#### **TARGET ANIMALS**

Cattle.

#### **Indications**

The product is indicated as an adjunct to antimicrobial therapy to reduce clinical signs

in acute infectious respiratory disease and acute mastitis in cattle.

#### Dosage and administration

Subcutaneous or intravenous injection.

1.4 mg carprofen/ kg body weight (1 ml/35 kg) in combination with antibiotic therapy, as appropriate.

#### **Contraindications**

Do not use in animals suffering from cardiac, hepatic or renal impairment.

Do not use in animals suffering from gastro-intestinal ulceration or bleeding.

#### Withdrawal periods

Meat and offal: 21 days

Milk: Zero hours

#### **STORAGE**

Keep out of the sight and reach of children.

Do not store above 25 °C.

#### SHELF LIFE

3 years