

## **LABELLING AND PACKAGE LEAFLET**

## **A. LABELLING**

**PARTICULARS TO APPEAR ON THE OUTER PACKAGE**

**CARTON BOX**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

Boflox 100 mg/ml solution for injection for cattle and pigs  
Marbofloxacin

**2. STATEMENT OF ACTIVE SUBSTANCES**

Marbofloxacin 100 mg/ml

**3. PHARMACEUTICAL FORM**

Solution for injection

**4. PACKAGE SIZE**

100 ml  
250 ml  
6 x 100 ml  
6 x 250 ml  
10 x 100 ml  
10 x 250 ml  
12 x 100 ml  
12 x 250 ml

**5. TARGET SPECIES**

Cattle, pigs (sows)

**6. INDICATION(S)**

**7. METHOD AND ROUTE(S) OF ADMINISTRATION**

Cattle: Intramuscula, subcutaneous or intravenous use  
Pigs (sows): Intramuscular use

Read the package leaflet before use.

**8. WITHDRAWAL PERIODS**

Withdrawal periods:

**Cattle:**

8 mg/kg on a single occasion (IM)

Meat and offal: 3 days

Milk: 72 hours

2 mg/kg for 3 to 5 days (IV/SC/IM)

Meat and offal: 6 days  
Milk: 36 hours

**Pig (sows):**

Meat and offal: 4 days

**9. SPECIAL WARNING(S), IF NECESSARY**

Read the package leaflet before use.

**10. EXPIRY DATE**

EXP

Shelf-life after first opening the container: 28 days.

Once broached, use by...

**11. SPECIAL STORAGE CONDITIONS**

Store in the original package in order to protect from light.

**12. SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY**

Dispose of waste material in accordance with local requirements.

**13. THE WORDS “FOR ANIMAL TREATMENT ONLY” AND CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE, IF APPLICABLE**

For animal treatment only.

To be supplied only on veterinary prescription.

**14. THE WORDS “KEEP OUT OF THE SIGHT AND REACH OF CHILDREN”**

Keep out of the sight and reach of children.

**15. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER**

Industrial Veterinaria, S.A.  
Esmeralda, 19  
E-08950 Esplugues de Llobregat (Barcelona) Spain

**16. MARKETING AUTHORISATION NUMBER(S)**

**17. MANUFACTURER’S BATCH NUMBER**

Batch:

**PARTICULARS TO APPEAR ON IMMEDIATE PACKAGING UNITS**

**LABEL 100 – 250 ml**

**1. NAME OF THE VETERINARY MEDICINAL PRODUCT**

Boflox 100 mg/ml solution for injection for cattle and pigs  
Marbofloxacin

**2. STATEMENT OF ACTIVE SUBSTANCES**

Marbofloxacin 100 mg/ml

**3. PHARMACEUTICAL FORM**

**4. PACKAGE SIZE**

100 ml  
250 ml

**5. TARGET SPECIES**

Cattle, pigs (sows)

**6. INDICATION(S)**

**7. METHOD AND ROUTE(S) OF ADMINISTRATION**

Cattle: Intramuscular, subcutaneous or intravenous use  
Pigs (sows): Intramuscular use

Read the package leaflet before use.

**8. WITHDRAWAL PERIODS**

Withdrawal periods:

**Cattle:**

8 mg/kg on a single occasion (IM)

Meat and offal: 3 days

Milk : 72 hours

2 mg/kg for 3 to 5 days (IV/SC/IM)

Meat and offal: 6 days

Milk: 36 hours

**Pig (sows):**

Meat and offal: 4 days

**9. SPECIAL WARNING(S), IF NECESSARY**

Read the package leaflet before use.

**10. EXPIRY DATE**

EXP

Shelf-life after first opening the container: 28 days.

Once broached, use by

**11. SPECIAL STORAGE CONDITIONS**

Store in the original package in order to protect from light.

**12. SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCTS OR WASTE MATERIALS, IF ANY**

**13. THE WORDS “FOR ANIMAL TREATMENT ONLY” AND CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE, IF APPLICABLE**

For animal treatment only.

To be supplied only on veterinary prescription.

**14. THE WORDS “KEEP OUT OF THE SIGHT AND REACH OF CHILDREN”**

Keep out of the sight and reach of children.

**15. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER**

Industrial Veterinaria, S.A.

Esmeralda, 19

E-08950 Esplugues de Llobregat (Barcelona) Spain

**16. MARKETING AUTHORISATION NUMBER(S)**

**17. MANUFACTURER’S BATCH NUMBER**

Batch:

**B. PACKAGE LEAFLET**

**PACKAGE LEAFLET:**  
**Boflox 100 mg/ml solution for injection for cattle and pigs**

**1. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER AND OF THE MANUFACTURING AUTHORISATION HOLDER RESPONSIBLE FOR BATCH RELEASE, IF DIFFERENT**

Marketing authorisation holder:

Industrial Veterinaria, S.A.  
Esmeralda, 19  
E-08950 Esplugues de Llobregat (Barcelona) Spain

Manufacturer responsible for batch release:

Industrial Veterinaria, S.A.  
Esmeralda, 19  
E-08950 Esplugues de Llobregat (Barcelona) Spain

[aniMedica GmbH](#)  
[Im Südfeld 9](#)  
[48308 Senden-Bösensell Germany](#)

[KELA N.V., St. Lenaartseweg 48, 2320 Hoogstraten, Belgium](#)

**2. NAME OF THE VETERINARY MEDICINAL PRODUCT**

Boflox 100 mg/ml solution for injection for cattle and pigs  
*Marbofloxacin*

**3. STATEMENT OF THE ACTIVE SUBSTANCE(S) AND OTHER INGREDIENT(S)**

Each ml contains:

**Active substance:**

Marbofloxacin                      100 mg

**Excipients:**

Disodium edetate                0.10 mg

Monothioglycerol                1 mg

Metacresol                         2 mg

Yellow greenish to yellow brownish, clear solution

**4. INDICATION(S)**

In cattle:

- treatment of respiratory infections caused by strains of *Histophilus somni*, *Mannheimia haemolytica*, *Mycoplasma bovis*, *Pasteurella multocida* susceptible to marbofloxacin.
- treatment of acute mastitis caused by strains of *Escherichia coli* susceptible to marbofloxacin during the lactation period.

In pigs:



- treatment of Postpartum Dysgalactia Syndrome –PDS- (Metritis Mastitis Agalactia syndrome) caused by bacterial strains susceptible to marbofloxacin.

## **5. CONTRAINDICATIONS**

Do not use in cases of resistance to other fluoroquinolones (cross resistance).

Do not use in cases of hypersensitivity to the active substance, to any other quinolone or to any of the excipients.

## **6. ADVERSE REACTIONS**

In very rare cases, transitory inflammatory lesions can occur at the injection site, without clinical impact, when administered via the intramuscular or subcutaneous route.

In very rare cases, administration by the intramuscular route in cattle may cause transient local reactions such as pain and swelling at the injection site and inflammatory lesions which may persist for at least 12 days after injection.

However, in cattle, subcutaneous route was shown to be better tolerated locally than intramuscular route. Therefore, the subcutaneous route is recommended in heavy cattle.

The frequency of adverse reactions is defined using the following convention:

- Very common (more than 1 in 10 animals displaying adverse reaction(s) during the course of one treatment).
- Common (more than 1 but less than 10 animals in 100 animals).
- Uncommon (more than 1 but less than 10 animals in 1,000 animals).
- Rare (more than 1 but less than 10 animals in 10,000 animals).
- Very rare (less than 1 animal in 10,000 animals, including isolated reports).

If you notice any side effects, even those not already listed in this package leaflet or you think that the medicine has not worked, please inform your veterinary surgeon.

## **7. TARGET SPECIES**

Cattle, pigs (sows)

## **8. DOSAGE FOR EACH SPECIES, ROUTE(S) AND METHOD OF ADMINISTRATION**

Route of administration:

Cattle: Intramuscular, subcutaneous or intravenous.

Pigs: Intramuscular

### **Cattle:**

#### **Respiratory infections:**

The recommended dosage is 8 mg marbofloxacin/kg body weight (2 ml veterinary medicinal product/25 kg body weight) in a single injection by the intramuscular route. If the volume to be injected is more than 20 ml, it should be divided between two or more injection sites.

In cases of respiratory infections caused by *Mycoplasma bovis*, the recommended dose is 2 mg marbofloxacin/kg body weight (1 ml veterinary medicinal product/50 kg body weight), in a single daily injection for 3 to 5 consecutive days, by the intramuscular or subcutaneous route. The first injection may be given by the intravenous route.

#### **Acute mastitis:**

- Intramuscular or subcutaneous use:

The recommended dosage is 2 mg marbofloxacin/kg body weight (1 ml veterinary medicinal product/50 kg body weight) in a single daily injection, for 3 consecutive days.

The first injection may also be given by the intravenous route.

**Pigs (sows):**

**- Intramuscular use:**

The recommended dosage is 2 mg marbofloxacin/kg body weight (1 ml veterinary medicinal product/50 kg body weight) in a single daily injection, for 3 consecutive days.

In cattle and pig, the preferred injection site is the neck area.

**9. ADVICE ON CORRECT ADMINISTRATION**

To ensure administration of a correct dose, body weight should be determined as accurately as possible, to avoid underdosing.

The cap may be safely punctured up to 30 times. The user should choose the most appropriate vial size according to the target species to treat.

**10. WITHDRAWAL PERIODS**

**Cattle:**

Indication	Respiratory		Mastitis
Dosage	2 mg/kg for 3 to 5 days (IV/IM/SC)	8 mg/kg on a single occasion (IM)	2mg/kg for 3 days (IV/IM/SC)
Meat and offal	6 days	3 days	6 days
Milk	36 hours	72 hours	36 hours

**Pigs:**

Meat and offal: 4 days

**11. SPECIAL STORAGE PRECAUTIONS**

Keep out of the sight and reach of children.

Store in the original package in order to protect from light.

Do not use this veterinary medicinal product after the expiry date which is stated on the label after EXP. The expiry date refers to the last day of that month.

Shelf-life after first opening the container: 28 days.

**12. SPECIAL WARNING(S)**

**Special precautions for use in animals:**

Official and local antimicrobial policies should be taken into account when the product is used. Fluoroquinolones should be reserved for the treatment of clinical conditions which have responded poorly, or are expected to respond poorly, to other classes of antimicrobials. Whenever possible, fluoroquinolones should only be used based on susceptibility testing. Use of the product deviating from the instructions given in the SPC may increase the prevalence of bacteria resistant to the fluoroquinolones and may decrease the effectiveness of treatment with other quinolones due to the potential for cross resistance. The efficacy data showed that the product has insufficient efficacy for the treatment of acute forms of mastitis induced by gram-positive bacteria.

Special precautions to be taken by the person administering the veterinary medicinal product to animals:

People with known hypersensitivity to (fluoro)quinolones should avoid contact with the veterinary medicinal product. Care should be taken to avoid accidental self-injection as it can induce a slight irritation.

In case of accidental self injection, seek medical advice immediately and show the package leaflet or the label to the physician.

In case of contact with skin or eyes, rinse with plenty of water.

Wash hands after use.

Pregnancy and lactation:

Laboratory studies in rats and rabbits have not produced any evidence of teratogenic, foetotoxic or maternotoxic effects.

Safety of the veterinary medicinal product at 2 mg/kg body weight has been established in pregnant cows and sucking calves and piglets when used in cows and sows. Can be used during pregnancy and lactation. Safety of the veterinary medicinal product at 8 mg/kg body weight has not been established in pregnant cows or in sucking calves when used in cows. Therefore, this dose regimen should be used only according to the benefit/risk assessment by the responsible veterinarian.

Interaction with other medicinal products and other forms of interaction:

None known.

Overdose (symptoms, emergency procedures, antidotes):

No signs of overdosage have been observed after administration of 3 times the recommended dose.

Signs such as acute neurological disorders may occur when the dose is exceeded. This signs should be treated symptomatically. Do not exceed the recommended dose.

Incompatibilities:

In the absence of compatibility studies, this veterinary medicinal product must not be mixed with other veterinary medicinal products.

**13. SPECIAL PRECAUTIONS FOR THE DISPOSAL OF UNUSED PRODUCT OR WASTE MATERIALS, IF ANY**

Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal product should be disposed of in accordance with local requirements.

Medicines should not be disposed of via wastewater or household waste.

Ask your veterinary surgeon or pharmacist how to dispose of medicines no longer required. These measures should help to protect the environment.

**14. DATE ON WHICH THE PACKAGE LEAFLET WAS LAST APPROVED**

DD/MM/YYYY

**15. OTHER INFORMATION**

**Pack sizes:**

Carton box with 1 vial of 100 ml  
Carton box with 1 vial of 250 ml  
Carton box with 6 vials of 100 ml  
Carton box with 6 vials of 250 ml  
Carton box with 10 vials of 100 ml  
Carton box with 10 vials of 250 ml  
Carton box with 12 vials of 100 ml  
Carton box with 12 vials of 250 ml

Not all pack sizes may be marketed.