vilsan
pharmaceuticals

PRODUCT CATALOGUE

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by hasvet pharma

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About Us

Hasvet Pharma is the largest pharmaceutical group in Turkey, the MENA region, Balkan countries, and the Turkic republics, specializing in animal health pharmaceutical production. With over 40 years of experience, Hasvet Pharma manufactures pharmaceuticals for global animal health brands like Elanco and also produces for numerous local companies. Our pharmaceutical group operates with renowned brands such as Pi Farma, Verano, FDN İlaç, and Vilsan, and is a global distributor for Virbac and Syva.

Hasvet Pharma is committed to reducing Turkey's reliance on external pharmaceutical sources and aims to contribute to a more sustainable animal husbandry policy.

One of Hasvet Pharma's flagship production facilities, Vilsan, boasts GMP-certified production lines with an annual capacity of approximately 90 million boxes. The facility produces a wide range of products, including Sterile (NBL + BL) solutions, emulsions, IMM, Non-Sterile oral solutions, oral powders (NBL + BL), tablets, and Ectoparasite products, serving the ruminant, poultry, and aqua sectors.

Vilsan operates in 25 countries and exports to more than 20 countries worldwide. The company offers a comprehensive portfolio of 75 products, including 62 local and 13 export products, and continues to play a leading role in animal health solutions, contributing to the improvement of animal health globally.

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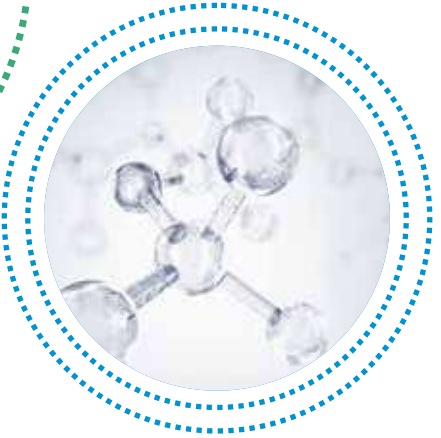

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WARNINGS FOR THE ADMINISTRATORS

This product catalogue presents a brief summary about the contents, indications, administration ways and withdrawal periods of the products of Vilsan Veterinary Pharmaceuticals Corporation. All these presented information given in this catalogue was researched according to the approved scientific publications and they are intended only as a general guide. Administrators must not treat these informations as an authoritative statement of law* on any particular case.

Prior to use of these products, administrators must consult with a veterinarian and they must administer them to target species according to dosage forms which are supplied within the products.

*Use of veterinary medicines on animals is controlled under relevant laws of the countries where these medicines are administered. These laws covers the authorisation of a veterinary medicine, its usage ways on animals and the minimum amount of time needed after the last drug administration for the meat of the target species to be consumed.

It is illegal to administer any veterinary medicine to animals, if those medicines does not have a marketing authorisation in countries where the medicines are sold. The possession and supply of unauthorised medicine is illegal under the Veterinary Medicines Regulations of the related countries. Therefore, it is important to become familiar with labels of veterinary medicines that are legal and familiar with those that are illegal.

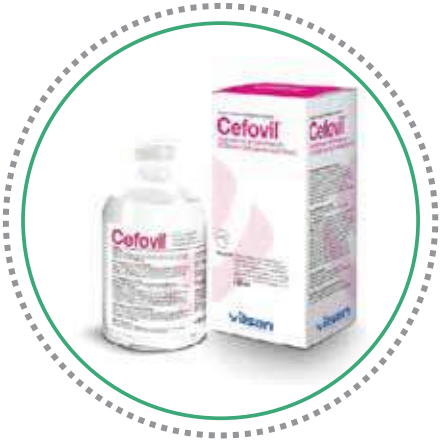
These laws are also purposed to protect consumers by preventing the consumption of excessive levels of residues of veterinary medicines. Drug Residue Elimination Time (d.r.e.t) and withdrawal periods are mentioned in this catalogue as part of this purpose.

LIVESTOCK PRODUCTS

CEFOVIL

Suspension for Injection

Veterinary Systemic Antibacterial



DOSAGE

Cattle : 1 ml / 25 kg bodyweight
Camel: 1 ml / 25 kg bodyweight

WITHDRAWAL PERIODS

Cattle : 5 days
Camel : 7 days
Dairy Cow : 1 day (2 milkings)

- **COMPOSITION:** Each 1 ml contains 29.64 mg Cefquinome sulphate equivalent to 25 mg Cefquinome base.

- **INDICATIONS:** CEFOVIL Suspension for Injection is used in treatment of respiratory tract infections (particularly caused by penicillin-resistant bacteria), foot infections (foot rot, pododermatitis) caused by cefquinome-sensitive bacteria in cattle and camels, E.coli (Escherichia coli) derived calf Septicemia, acute mastitis infections and secondary infections associated with viral diseases.

  CEFOVIL Suspension for Injection is also used in treatment of the bacterial infections that occur in the lungs and respiratory tract of swine, which is mainly caused by Mannheimia hemolytica, Haemophilus parasuis, Actinobacillus pleuropneumoniae, Streptococcus suis and other cefquinome-sensitive organisms and additionally it is used in the treatment of Mastitis-metritis-agalactia syndrome (MMA) with involvement of E.coli, Staphylococcus spp., Streptococcus spp. and other cefquinome sensitive organisms.

- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered at a dose of 1 mg / kg bodyweight for cattle and camels via intramuscular route. For swine it is administered at a dose of 2 mg / kg bodyweight via intramuscular route.

  Practical Dose: It is administered at a daily dose of 1 ml / 25 kg bodyweight. Treatment should be continued for 3-5 days in 24-hour intervals. It is recommended that a daily dose of 2 ml / 25 kg bodyweight (two-fold of the normal dose) is used for treating E.coli derived septicemia infections in newborn calves. It should be administered at a dose of 1 ml / 25 kg bodyweight, twice in 24-hour intervals, in the treatment of mastitis.

Species	Bodyweight	Frequency
Cattle	1 ml / 25 kg	3-5days in 24 hour intervals
Camels	1 ml / 25–50 kg	3-5days in 24 hour intervals
Swine	2 ml / 25 kg	Once daily for 3 consecutive days

- **PRESENTATION:** It is presented in vials of 50 ml and 100 ml.

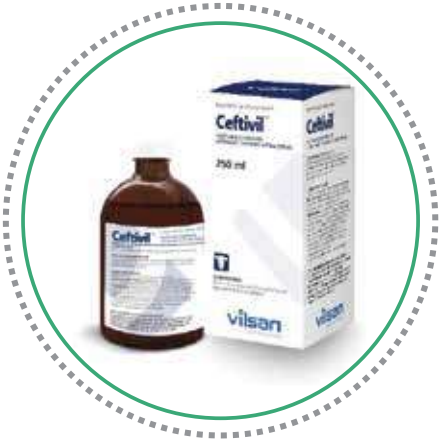
- **WITHDRAWAL PERIODS :** Cattle and swine kept for meat must not be sent to slaughter during the treatment and before 5 days and 3 days after the last drug administration, respectively. Camels kept for meat must not be sent to slaughter during the treatment and for 7 days after the last drug administration. Milk obtained from dairy cows must not be presented for human consumption during the treatment and within 1 day (2 milkings) after the last drug administration.

- **TARGET SPECIES:** Cattle, Camel, Swine, Calve

CEFTIVIL

Suspension for Injection

Veterinary Systemic Antibacterial



DOSAGE

Cattle : 1 ml / 50 kg bodyweight
Camel: 1 ml / 50 kg bodyweight

WITHDRAWAL PERIODS

Cattle : 7 days
Camel : 7 days
Dairy Cow : Nil

- **COMPOSITION:** Each 1 ml contains Ceftiofur hydrochloride equivalent to 50 mg Ceftiofur base.
- **INDICATIONS:** CEFTIVIL Suspension for Injection is used for the treatment of respiratory system and soft tissue infections in cattle, camels and swine, which are caused by ceftiofur susceptible bacteria. Especially it is effective against treating shipping fever and similar pneumonic diseases in cattle and *Mannheimia hemolytica* and *Heamophillus somnus* related respiratory system infections. Also it is used in the treatment of interdigital necrobacillus caused by *Fusobacterium necrophorum* and *Bacteriodes melaninogenicus* and in acute puerperal metritis after parturition caused by *E.coli, Arcanobacterium pyogenes* and *Fusobacterium necrophorum*. In swine, it is used for the treatment of bacterial respiratory diseases associated with *Mannheimia hemolytica, Actinobacillus pleuropneumoniae* and *Streptococcus suis*.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: Pharmacological doses are, for cattle it is 1 mg / kg bodyweight and for camels it is 2 mg / kg bodyweight via intramuscular or subcutaneous route. For swine it is 3 mg / kg bodyweight via intramuscular route for 3 days.

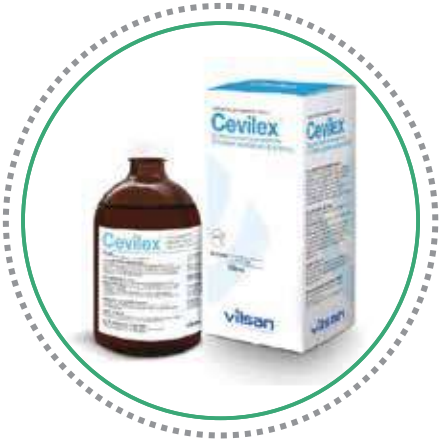
  Practical Dose: Practical doses are, for cattle and camels it is 1 ml / 50 kg bodyweight via intramuscular or subcutaneous route and for swine it is 1 ml / 16 kg bodyweight via intramuscular route at each injection.

  Note: Treatment should continue for 3 days with intervals of 24 hours. When administrations with large volume are required, the total dose must be administered by dividing it into the volumes of 15 ml. Intravenous administration is contraindicated.
- **PRESENTATION:** It is presented in vials of 50 ml, 100 ml and 250 ml
- **WITHDRAWAL PERIODS :** Cattle and camels kept for meat must not be sent to slaughter during the treatment and before 7 days after the last drug administration. Swine kept for meat must not be sent to slaughter during the treatment and before 5 days after the last drug administration. In dairy cows, the drug residue elimination time is “0” day for the milk.
- **TARGET SPECIES:** Cattle, Camel, Swine

CEVILEX

Suspension for Injection

Veterinary Systemic Antibacterial



DOSAGE
Cattle : 1 ml / 15-20 kg bodyweight

WITHDRAWAL PERIODS
Cattle : 4 days / dairy
Cow : Nil

- **COMPOSITION:** Each 1 ml contains Cephalexin monohydrate equivalent to 150 mg cephalexin.
- **INDICATIONS:** CEVILEX Suspension for Injection is used for the treatment of respiratory tract infections in cattle, caused by the bacteria sensitive to cefalexin. It is also used for the treatment of septicemia, foot rot, bone and joint diseases as well as in supporting the treatment for the intramammary applications of septicemic mastitis.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered at a dose of 7.5 -10 mg / kg bodyweight in cattle via intramuscular route.

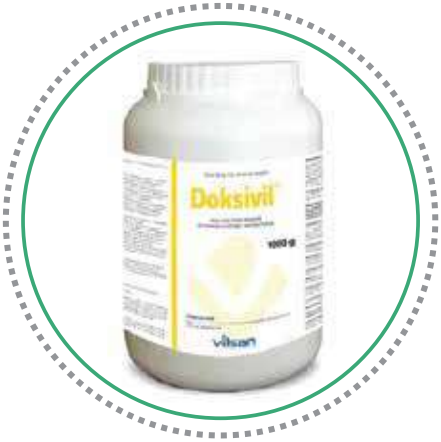
  Practical Dose: It is administered at a dose of 1 ml / 15 - 20 kg bodyweight for 5 days in cattle.

  Note: Application can be repeated after 12 and 24 hours depending on the severity and course of the infection according to the recommendation by the veterinarian. Shake well before use.
- **PRESENTATION:** It is presented in vials of 20, 50, 100 and 250 ml.
- **WITHDRAWAL PERIODS :** Cattle kept for meat must not be sent to slaughter during the treatment and before 4 days after the last drug administration. The withdrawal time for milk obtained from dairy cows is 0 days.
- **TARGET SPECIES:** Cattle

DOKSIVIL

Powder for Oral Solution

Veterinary Systemic Antibacterial



DOSAGE

Calves : 0.5 g powder / 25 kg bodyweight
Lambs : 0.5 g powder / 25 kg bodyweight
(1 g of DOKSIVIL- per 50 kg body weight)

WITHDRAWAL PERIODS

Calves : 14 days
Lambs : Before 5 days and 1 day after

- **COMPOSITION:** Each 1 g powder contains 577 mg Doxycycline hyclate equivalent to 500 mg Doxycycline.
- **INDICATIONS:** DOKSIVIL Powder for Oral Solution is used for the treatment of actinobacillosis, actinomycosis, colibacillosis chlamydiasis, gastro-enteritis, leptospirosis, omphalitis, polyarthritis, pasteurellosis, bronchopneumonia. in calves and lambs, whose rumen activities have not started.

  For pigs, it is indicated for use atrophic rhinitis, bronchopneumonia, colibacillosis, chlamydiasis, edema disease, hemorrhagic septicemia, infectious gastroenteritis, leptospirosis, metritis, MMA syndrome, omphalitis, polyarthritis, pasteurellosis, porcine arthritis, proliferative adenomatosis,
  swine dysentery and swine erysipelas.
- **USAGE AND DOSAGE:** It is orally administered via oral route by mixing with the drinking water of calves, lambs and pigs.

  Pharmacological Dose: It is administered at a dose of 10 mg / kg bodyweight / day.

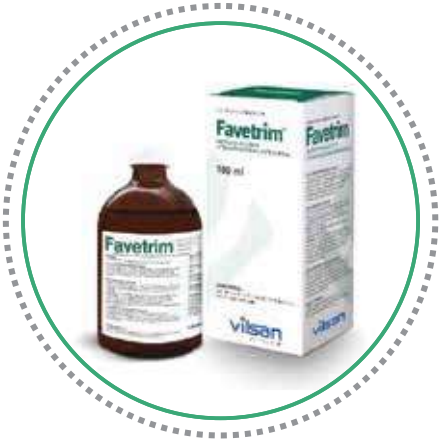
  Practical Dose: It is administered at a dose of 0.5 g powder / 25 kg bodyweight.
  Calves, lambs: 10 mg doxycycline per kg bodyweight per day in drinking water.
  (=1 g of DOKSIVIL- per 50 kg body weight)
  Pigs: 10 mg doxycycline per kg bodyweight per day in feed or drinking water. 500-600g DOKSIVIL- per ton of feed (10-17g per 20kg of feed) or 200-250 g per 1000 litre, (5-6.25g per 25 litres of water.)

  Note:
  Treatment should be continued for 3-5 days.
  Drug required to be administered to animals should be mixed with adequate amount of water. It should not be mixed with milk when it is administered to calves.
  It is recommended that animals are not provided water for 2-3 hours before administration. Water, containing the drug, should be refreshed every day.
- **PRESENTATION:** It is presented in bottles of 100 g, jars of 1 kg, 2.5 kg and 5 kg and also in buckets of 25 kg.
- **WITHDRAWAL PERIODS :** Calves kept for meat should not be transferred to slaughter throughout the treatment and within 14 days following the last drug administration. Lambs and pigs kept for meat must not be sent to slaughter during the treatment and before 5 days and 1 day after the last drug administration, respectively.
- **TARGET SPECIES:** Calf, Lambs, Swine

FAVETRIM

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE
1 ml / 10-15 kg bodyweight

WITHDRAWAL PERIODS
Cattle, Sheep, Goats : 14 days
Dairy Cow, Sheep and Goats: 5 days
(10 milkings)

- **COMPOSITION:** Each 1 ml contains 200 mg Sulfamethoxazole and 40 mg Trimethoprim.
- **INDICATIONS:** FAVETRIM Solution for Injection is used in cattle, horse, sheep, goat, swine and dogs for treating gastrointestinal (especially E.coli originated enteritis, Vibrio enteritis and Salmonellosis), respiratory (for bronchitis, bronchopneumonia, laryngitis , tonsillitis of bacterial origin and especially pneumonia, pleuropneumonia, enzootic pneumonia due to Pasteurella haemolytica, Pasteurella multocida infections), urogenital system infections caused by sensitive bacteria (as cystitis, vaginitis, nephritis, pyelonephritis), septisemia, soft tissue infections, foot diseases (foot rot), and other wound infections, also as systemic support for local treatment for mastitis, metritis and secondary bacterial infections associated with viral infections.
- **USAGE AND DOSAGE:** Favetrim Solution for Injection should be administered to cattle, sheep, swine and goats in intra-muscular and slow intravenous (IV) routes. In horses and dogs, only intravenous route should be used. Intravenous administration should be slow and preparation should be warmed to body temperature before use

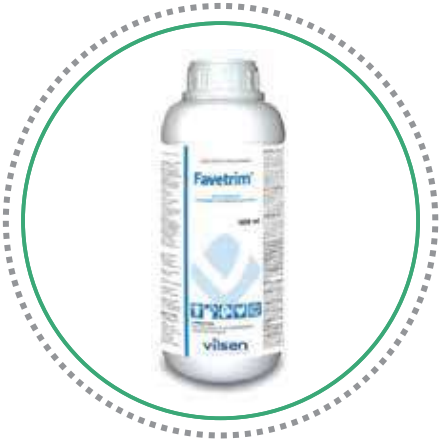
  Pharmacological Dose: 15 mg/kg (sulfamethoxazole + trimethoprim)

  Practical Dose: It should be administered once per day in 1 ml/10-15 kg bodyweight dose or twice per day in 0.5 ml/10-15 kg bodyweight dose. Treatment may continue for 3-5 days according to the course of the infection. As efficient concentration is maintained about 12 hours, daily dose should be divided into two and thus administered.
- **PRESENTATION:** It is presented in vials of 20, 50 and 100 ml.
- **WITHDRAWAL PERIODS :** Cattle, sheep, goats and swine should not be referred to slaughter throughout the treatment or within 12 days following last administration. Milk of cows, sheep and goats obtained throughout treatment and for 5 days (10 milkings) following last administration should not be offered for consumption by humans.
- **TARGET SPECIES:** Cattle, Horse, Sheep, Goat, Swine, Dog

FAVETRIM

Oral Suspension

Veterinary Systemic Antibacterial



DOSAGE
Calf, Lambs, Goats :
1 ml / 15 kg bodyweight

WITHDRAWAL PERIODS
Cattle, Sheep, Goats : 14 days
Dairy Cow, Sheep and Goats : 5 days
(10 milkings)

- **COMPOSITION:** Each 1 ml contains 400 mg Sulfamethoxazole and 80 mg Trimethoprim.
- **INDICATIONS:** FAVETRIM Oral Suspension is used in calves, lambs and goats for the treatment of gastrointestinal infections caused by sensitive microorganisms, urinary system infections, respiratory diseases such as bacterial bronchitis, bronchopneumonia, laryngitis, tonsillitis and particularly Mannheimia haemolytica, Actinobacillus pleuropneumoniae and Pasteurella multocida pneumonia, pleuropneumonia, enzootic pneumonia and soft tissue infections. It is also used for the treatment of foot diseases (foot rot, etc.) and other wound infections.
- **USAGE AND DOSAGE:**

  In calf, lambs, goats:
  Pharmacological Dose: 25 mg/kg Sulfamethoxasole + 5 mg/kg Trimethoprim bodyweight/day
  Practical dose: It is orally applied by adding to drinking water at a dose of 2 ml/10 kg bodyweight.

  In swine:
  Pharmacological Dose: 25 mg/kg Sulfamethoxasole + 5 mg/kg Trimethoprim bodyweight/day
  Practical Dose: It is orally applied by adding to drinking water at a dose of 1 ml/19 kg bodyweight.

  Note
  Total dose should be divided into two equal doses and administered at morning and night.
- **PRESENTATION:** It is presented in drums of 1L.
- **DRUG RESIDUE CAUTIONS:** Calves, lambs and goats kept for meat should not be sent to slaughter throughout the treatment and within 14 days following the last drug administration. Swine kept for meat should not be sent to slaughter within 5 days throughout the treatment and following the last drug administration. Milk of cows, sheep and goats obtained throughout the treatment and within 5 days (10 milkings) following the last drug administration should not be offered for consumption by humans.
- **TARGET SPECIES:** Calf, Lamb, Goat, Swine

FLORVIL

Solution for Injection

Veterinary Systemic Antibacterial

DOSAGE

Cattle : 1 ml / 15 kg bodyweight
Camel: 1 ml / 15 kg bodyweight

WITHDRAWAL PERIODS

Cattle,Camel Intramuscular	: 30 days
Cattle,Camel Subcutaneous	: 44 days
Dairy Cow	: Nil

- **COMPOSITION:** Each 1 ml contains 300 mg Florfenicol.
- **INDICATIONS:** FLORVIL Solution for Injection is used in the treatment of diseases in cattle and camels caused by florfenicol susceptible bacteria. It is also used in the treatment of respiratory system infections caused by *Mannheimia haemolytica*, *Haemophilus somnus* and *Corynebacterium pyogenes*. Also, it is used in treatment of foot rot, interdigital necrobasillosis and infectious pododermatitis caused by *Fusobacterium necrophorum* and *Bacteroides meleninogenicus*. Additionally it is used in treatment of infectious keratoconjunctivitis caused by *Moraxella bovis*. In swine, it is used for treatment of acute outbreaks of respiratory disease caused by strains of *Actinobacillus pleuropneumoniae* and *Mannheimia hemolytica*, which are susceptible to florfenicol.
- **USAGE AND DOSAGE:**

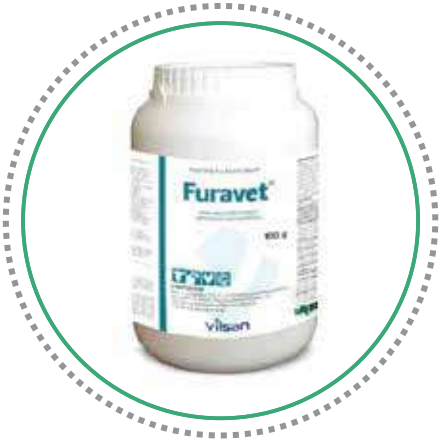
  Pharmacological Dose (Intramusculer) Dose: Pharmacological dose for cattle and camels is 20 mg/kg bodyweight and for swine it is 15 mg/kg bodyweight, each should be administered via intramuscular route.

  Practical Dose: Practical dose for cattle and camels is 1 ml / 15 kg bodyweight and for swine it is 1 ml / 20 kg bodyweight, each administered via intramuscular route. It has to be repeated after 48 hours.
  Practical dose is 2 ml / 15 kg bodyweight for target species as a single dose via subcutaneous route.
- **PRESENTATION:** It is presented in vials of 50 ml, 100 ml and 250 ml.
- **WITHDRAWAL PERIODS :** Cattle and camels kept for meat must not be sent to slaughter for 30 days in intramuscular administration and for 44 days in subcutaneous administration. In swine, the drug residue elimination time for meat and offal is 18 days. It should not be used in dairy cows whose milk is obtained for human consumption.
- **TARGET SPECIES:** Cattle, Camel, Swine

FURAVET

Powder for Oral Solution

Veterinary Oral Antibacterial



DOSAGE

Lamb : 1.3 g powder / 20 kg bodyweight
Calve : 1 g powder / 20 kg bodyweight

WITHDRAWAL PERIODS

Sheep : 10 days
Cattle : 10 days

- **COMPOSITION:** Each 1 g contains 176.35 mg Oxytetracycline hydrochloride equivalent to 163.41 mg Oxytetracycline base and 182.53 mg Neomycin sulfate equivalent to 123.45 mg Neomycin base.
- **INDICATIONS:** FURAVET Powder for Oral Solution is used for the treatment of respiratory and gastrointestinal system infections caused by neomycin and oxytetracycline susceptible bacteria. It is also used in the treatment of respiratory and digestive system in calves, lambs whose rumen activities have not started and swine.
- **USAGE AND DOSAGE:**

  Practical Dose:

Species	Dose	Treatment time
Lamb	1.3 g powder / 20 kg bodyweight	3 days
Calve	1 g powder / 20 kg bodyweight	3 days
Swine	0.6 - 1 g powder / 20 kg bodyweight	3 to 5 days

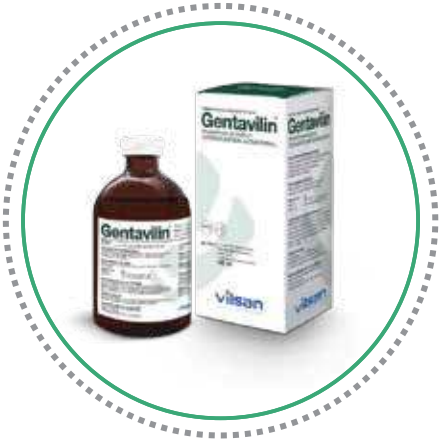
  Note: The treatment is continued for 3 days.

- **PRESENTATION:** It is presented in bottles of 100 g and 1000 g.
- **WITHDRAWAL PERIODS :** Sheep and cattle kept for meat must not be sent to slaughter during the treatment and before 10 days and 14 days, respectively, after the last drug administration. In swine, the withdrawal time for meat and offal is 7 days, after the last drug administration.
- **TARGET SPECIES:** Calf, Lamb, Swine

GENTAVILIN

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE

Cattle, Horses : 8 ml / 100 kg bodyweight
Heifers : 4 ml / 50 kg bodyweight
Calves, Foals : 2 ml / 25 kg bodyweight
Cat, Dogs : 0.4 ml / 50 kg bodyweight

WITHDRAWAL PERIODS

Cattle : 80 days
Dairy Cow : 2 days (4 milkings)

- **COMPOSITION:** Each 1 ml contains Gentamicin sulphate equivalent to 50 mg Gentamicin base.
- **INDICATIONS:** GENTAVILIN Solution for Injection is used for the treatment of respiratory, gastrointestinal, urogenital infections (bronchitis, pneumonia, pyelonephritis, cystitis, urethritis, endometritis, metritis, colibacillosis, salmonellosis, pyoderma sepsis, infected wounds etc.) and other soft tissue infections caused by gentamicin-sensitive microorganisms in the target species.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: Pharmacological dose is 4 mg / kg bodyweight for the target species. It is administered via intramuscular, intravenous or subcutaneous route.

  Practical Dose:

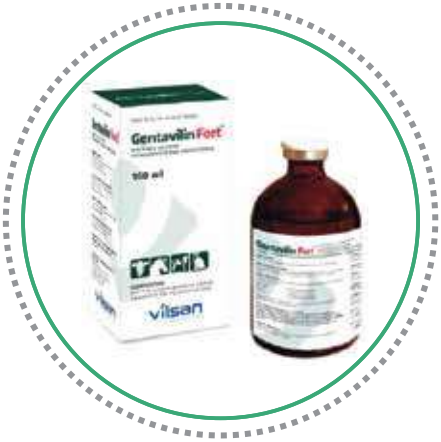
Species	Therapeutic Dose(bodyweight/ day)
Cattle, Horses	8 ml / 100 kg
Heifers	4 ml / 50 kg
Calves, Foals	2 ml / 25 kg
Swine	2-4 ml / 50 kg
Cat, Dogs	0.4 ml / 50 kg

  Note:
  The treatment should be continued for 2-3 days.
  Overdose should be strictly avoided, and dose adjustment should be applied for particularly weak and low weight animals.
- **PRESENTATION:** It is presented in vials of 50 and 100 ml.
- **WITHDRAWAL PERIODS :** Cattle and swine kept for meat must not be sent to slaughter throughout the treatment and within cattle 80 days and swine 146 days following the last drug administration. Milk of animals obtained throughout the treatment and within 2 days (4 milkings) following the last drug administration should not be offered to consumption by human.
- **TARGET SPECIES:** Cattle, Horse, Swine, Cat, Dog

GENTAVILIN FORT

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE

Cattle, Horses : 4 ml / 100 kg bodyweight
Heifers : 2 ml / 50 kg bodyweight
Calves, Foals : 1 ml / 25 kg bodyweight
Sheep, Goat : 2 ml / 50 kg bodyweight
Cat, Dogs : 0.2 ml / 5 kg bodyweight

WITHDRAWAL PERIODS

Cattle : 80 days
Dairy Cow : 2 days (4 milkings)

- **COMPOSITION:** Each 1 ml contains Gentamicin sulfate equivalent to 100 mg Gentamicin base.
- **INDICATIONS:** GENTAVILIN FORT Solution for Injection is used for the treatment of respiratory, gastrointestinal, urogenital system infections and other soft tissue infections caused by gentamicin-sensitive bacteria in cattle, horses, sheep, goats, swine, cats and dogs.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: Pharmacological dose is 4 mg / kg bodyweight for the target species. It is administered via intramuscular, intravenous or subcutaneous route.

  Practical Dose:

Species	Therapeutic Dose(bodyweight/ day)
Cattle, Horses	4 ml / 100 kg
Heifers	2 ml / 50 kg
Calves, Foals	1 ml / 25 kg
Sheep, Goat	2 ml / 50 kg
Swine	1-2 ml / 50 kg
Cat, Dogs	0.2 ml / 5 kg

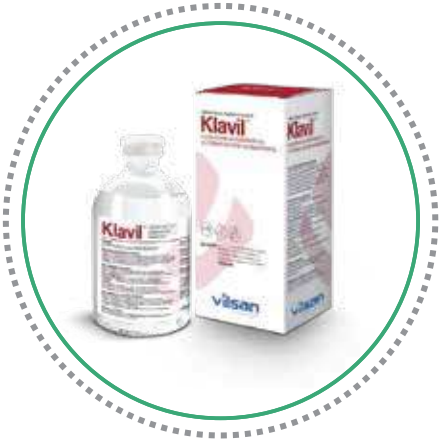
  Note:
  The treatment is continued for 2-3 days.

- **PRESENTATION:** It is presented in vials of 50 ml, 100 ml and 250 ml.
- **WITHDRAWAL PERIODS :** Cattle, sheep, goats and swine kept for meat must not be sent to slaughter throughout the treatment and within 80 days and swine 146 days following the last drug administration animals obtained throughout the treatment and within 2 days (4 milkings) following the last drug administration should not be offered for consumption by humans.
- **TARGET SPECIES:** Cattle, Horse, Sheep, Goat, Swine, Cat, Dog

KLAVIL

Suspension for Injection

Veterinary Systemic Antibacterial



DOSAGE
1 ml / 20 kg bodyweight

WITHDRAWAL PERIODS
Cattle : 20 days
Dairy Cow : 4 days (8 milkings)

- **COMPOSITION:** Each 1 ml contains Amoxicillin trihydrate equivalent to 140 mg Amoxicillin base and Potassium clavulanate equivalent to 35 mg Clavulanic acid.

- **INDICATIONS:**
  For cattle:
  KLAVIL Suspension for Injection is used in skin and soft tissue infections (abscess, arthritis, omphalophlebitis etc.), in respiratory infections, digestive system infections, mastitis and metritis (to provide parenteral support for the local therapy) and also in wounds, foot infections and other infections that form after the surgical operations.
  For cats and dogs:
  KLAVIL Suspension for Injection is used in the soft tissue and skin infections such as abscess, anal sacculitis, gingivitis and pyoderma, in respiratory tract infections, digestive system infections, genitourinary system infections such as nephritis, pyelonephritis, cystitis and urethritis and also in infections and wounds that form after surgical operations.
  For swine:
  KLAVIL Suspension for Injection is used in respiratory bacterial infections in growing pigs also in Colibacillosis and Periparturient infections in sows (e.g. mastitis, metritis and agalactia).

- **USAGE AND DOSAGE:**
  Pharmacological Dose: Pharmacological dose is 8.75 mg / kg bodyweight. (7 mg amoxicillin and 1.75 mg clavulanic acid)

  Practical Dose: Practical dose is 1 ml / 20 kg bodyweight. Treatment should be administered once a day for 3 to 5 days, via subcutaneous or intramuscular route.

- **PRESENTATION:** It is presented in vials of 50 ml and 100 ml.

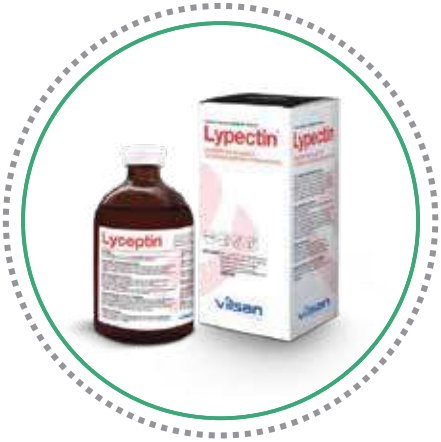
- **WITHDRAWAL PERIODS :** Cattle kept for meat must not be sent to slaughter during treatment and within 20 days after the last drug administration. Swine kept for meat must not be sent to slaughter during treatment and within 14 days after the last drug administration. Milk obtained from dairy cows during the treatment and within 4 days (8 milkings) after the last drug administration must not be presented for human consumption.

- **TARGET SPECIES:** Cattle, Swine, Cat, Dog

LYPECTIN

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE

Calves, Sheep : 1 ml / 10 kg bodyweight
Cats, Dogs : 1 ml / 5 kg bodyweight

WITHDRAWAL PERIODS

Calves : 30 days
Sheep : 30days
Dairy Cow : Nil

- **COMPOSITION:** 1 ml contains Lincomycin HCl equivalent to 50 mg Lincomycin base and Spectinomycin HCl equivalent to 100 mg Spectinomycin base.
- **INDICATIONS:** LYPECTIN Solution for Injection is used for the treatment of systemic and local infections caused by the sensitive microorganisms in respiratory system, urogenital system and digestive system. Additionally, it is used for the treatment of soft tissue infections in calves, sheep, swine, cats and dogs.
- **USAGE AND DOSAGE:**

Pharmacological Dose:

Calves : 15 mg / kg bodyweight
Sheep : 15 mg / kg bodyweight
Swine : 15 mg / kg bodyweight
Cats : 30 mg / kg bodyweight
Dogs : 30 mg / kg bodyweight

Practical Dose:

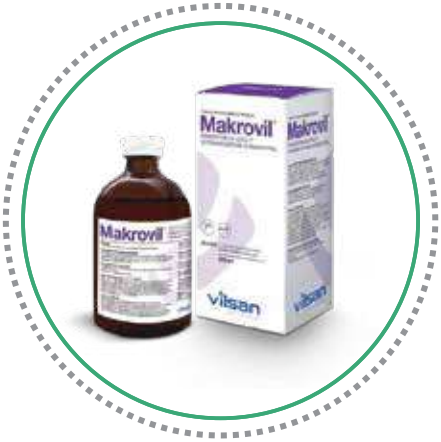
Calves : 1 ml / 10 kg bodyweight via intramuscular route. In the first day of treatment, it should be administered at an interval of 12 hours. After the first day, it should be administered once a day. The treatment should continue for 3 - 4 days.
Sheep : 1 ml / 10 kg bodyweight via intramuscular route. In the first day of treatment, it should be administered at an interval of 12 hours. After the first day it should be administered once a day. The treatment should continue for 3 days.
Swine : 1 ml / 10 kg bodyweight via intramuscular route. It should be administered once a day for 3 days according to the clinical response.
Cats, Dogs: 1 ml / 5 kg bodyweight via intramuscular route. It should be administered at an interval of 12- 24 hours in a day. The treatment should not exceed 21 days.

- **PRESENTATION:** It is presented in vials of 50 ml and 100 ml.
- **WITHDRAWAL PERIODS:** Calves and sheep kept for meat should not be sent to slaughter during the treatment and at least 30 days after the last drug administration. Swine kept for meat should not be sent to slaughter during the treatment and at least 14 days after the last drug administration. It should not be used in sheep whose milk is offered for consumption by humans.
- **TARGET SPECIES:** Calf, Sheep, Swine, Cat, Dog

MAKROVIL

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE

Cattle : 1 ml / 30 kg bodyweight
Sheep : 1 ml / 30 kg bodyweight

WITHDRAWAL PERIODS

Calves : 30 days
Sheep : 30 days
Dairy Cow : Nil

- **COMPOSITION:** Each 1 ml contains Tilmicosin phosphate equivalent to 300 mg Tilmicosin base.
- **INDICATIONS:** MAKROVIL Solution for Injection is used especially for the pneumonia caused by *Mannheimia haemolytica* and for the treatment of respiratory system infections and mastitis caused by sensitive microorganisms. Also, it is used for the treatment of *Chlamydia psittachi* abortis and cases of foot rot caused by *Fusobacterium necrophorum* in cattle and sheep.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered at a dose of 10 mg / kg bodyweight for cattle and sheep.

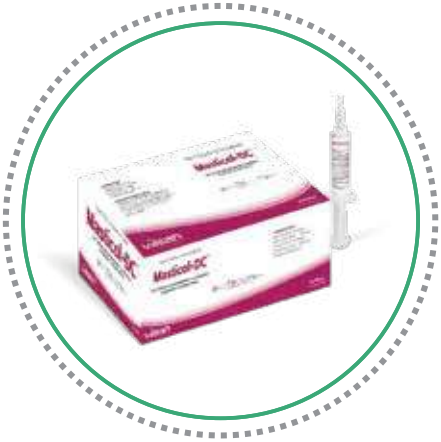
  Practical Dose: It is administered at a dose of 1 ml / 30 kg bodyweight for cattle and sheep. It should be applied as a single dose, only subcutaneously.

- **PRESENTATION:** It is presented in vials of 20, 50 and 100 ml.
- **WITHDRAWAL PERIODS:** Cattle and sheep kept for meat should not be sent to slaughter throughout the treatment and within 60 and 42 days, respectively, following the last drug administration. Milk of sheep obtained throughout the treatment and for 15 days following the last drug administration should not be offered for consumption by humans. It should not be used in cows fed for milking. The time required for analysing residue in the milk is long, therefore it is not recommended to administer to sheep fed for milk for human consumption.
- **TARGET SPECIES:** Cattle, Sheep

MASTICOL DC

Intra-mammary Suspension

Veterinary Intra-mammary Antibacterial



DOSAGE

One quarter of a tube via teat canal after the last milking

WITHDRAWAL PERIODS

Cattle : 10 days
Dairy Cow : 4 days (8 milkings)

- **COMPOSITION:** Each one tube contains Ampicillin trihydrate equivalent to 250 mg Ampicillin base and Cloxacillin benzathine equivalent to 500 mg Cloxacillin base.
- **INDICATIONS:** MASTICOL - DC Intramammary Suspension is used in dairy cows, which are in their dry period, in order to provide protection against dry-period infections and also for the treatment of mastitis occurred following last milking within the lactation period. Additionally it is used for decreasing the incidence of summer mastitis in cows under risk. Long-term effective formulation of Masticol - DC can be prepared by using ampicilline trihydrate, cloxacilline benzatin and aluminium stearate, which can provide around 28-day antibacterial effect within the mammarian tissues.
- **USAGE AND DOSAGE:**

  Practical Dose: It should be administered as one quarter of a tube via teat canal after the last milking at lactating-off.

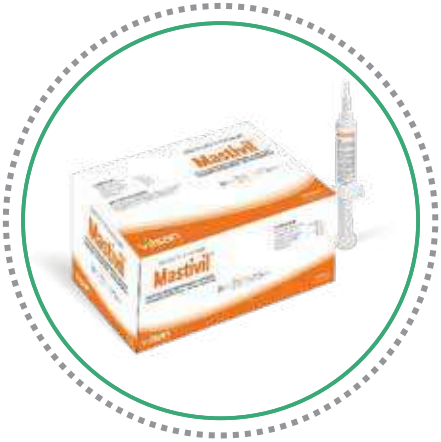
  Note:
  Shake well before use.

- **PRESENTATION:** It is presented in intramammary tubes of 5 g inside carton boxes, each including 24 intramammary tubes.
- **WITHDRAWAL PERIODS:** Cattle kept for meat must not be sent to slaughter throughout the treatment and within 10 days following the last drug administration. Milk of lactating cows obtained throughout the treatment and within 4 days (8 milkings) following the last drug administration should not be offered to consumption by human.
- **TARGET SPECIES:** Cattle

MASTIVIL

Intra-mammary Suspension

Veterinary Intra-mammary Antibacterial



DOSAGE
One quarter of a tube

WITHDRAWAL PERIODS
Cattle : 7 days
Dairy Cow : 5 days (10 milkings)

- **COMPOSITION:** Each 1 tube contains 100 000 IU Procaine penicillin G, 100 mg Streptomycin sulfate, 100 mg Neomycin sulfate and 10 mg Prednisolone.
- **INDICATIONS:** MASTIVIL Intramammary Suspension is used for the treatment of peracute, acute and chronic mastitis of the lactating cows due to gram-positive and gram-negative bacteria such as *Streptococcus sp., Staphylococcus sp., E. coli, Klebsiella pneumonia.*
- **USAGE AND DOSAGE:**

  Practical Dose: A tube should be administered in the teat canal. Treatment should be continued for 3 days within intervals of 24 hours.

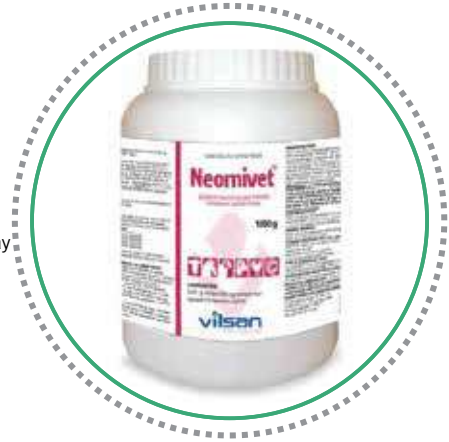
  Note:
  Shake well before use.

- **PRESENTATION:** It is presented in 5 g intramammary tubes inside carton boxes, each including 24 intramammary tubes.
- **WITHDRAWAL PERIODS:** Cattle kept for meat must not be sent to slaughter throughout the treatment and for 7 days following the last drug administration. Milk of cows obtained throughout the treatment and within 5 days (10 milkings) following the last drug administration should not be offered to consumption by human.
- **TARGET SPECIES:** Cattle

NEOMIVET

Powder for Oral Solution

Veterinary Oral Antibacterial



DOSAGE

Horses, Cattle : 2 g / 100 kg / day
Calves, Heifers : 1 g / 50 kg / day
Sheep, Goats, Colts : 0.5 g / 25 kg / day
Capricorns, Lambs: 0.2 g / 10 kg / day

WITHDRAWAL PERIODS

Cattle, Sheep, Goats : 1 day
Dairy Cow and Sheep : 0 day

- **COMPOSITION:** Each 1 g contains Neomycin sulphate equivalent to 500 mg Neomycin base.
- **INDICATIONS:** NEOMIVET Powder for Oral Solution is used for the treatment of bacterial enteritis caused by neomycin- sensitive bacteria in cattle, horses, sheep and goats.
- **USAGE AND DOSAGE:**

Pharmacological Dose: It is administered via oral route by adding to the drinking water of the target species at a dose of 10 mg / 10 kg bodyweight / day.

Practical Dose:

Target Species	Dose
Horses, Cattle	2 g / 100 kg bodyweight / day
Calves, Heifers	1 g / 50 kg bodyweight / day
Sheep, Goats, Colts	0.5 g / 25 kg bodyweight / day
Capricorns, Lambs	0.2 g / 10 kg bodyweight / day

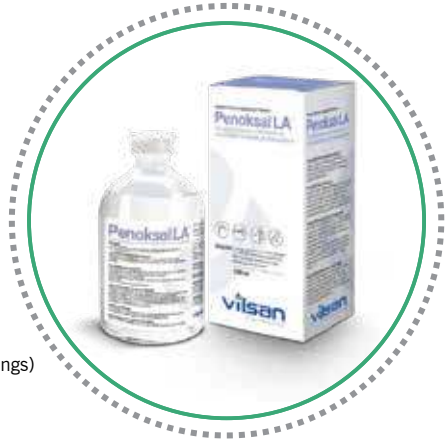
Note:
Treatment should be continued for 3-5 days in target species.

- **PRESENTATION:** It is presented in jars of 1000 g.
- **WITHDRAWAL PERIODS:** Cattle, sheep and goats kept for meat should not be sent to slaughter throughout the treatment and within 1 day following the last drug administration. Drug residue elimination time for the milk of cows, sheep and goats is "0" days.
- **TARGET SPECIES:** Cattle, Horse, Sheep, Goat

PENOKSAL LA

Suspension for Injection

Veterinary Systemic Antibacterial



DOSAGE
1 ml / 20 kg bodyweight

WITHDRAWAL PERIODS
Cattle, Sheep, Goats : 60 days
Dairy Cow and Sheep : 15 days (30 milkings)

- **COMPOSITION:** Each 1ml contains 100 000 IU Procaine penicillin G, 100 000 IU Benzathine penicillin G and 200 mg Dihdyrostreptomycin base (as sulfate salt form)

- **INDICATIONS:** PENOKSAL-LA Suspension for Injection is used for the treatment of respiratory and urinary tract infections caused by penicillin and streptomycin sulfate sensitive micro-organisms in cattle, horses, goats, sheep, swine and dogs. It is also used for the treatment of septicemia and pneumonia of newborns, hemorrhagic septicemia, enzootic pneumonia, sinusitis, pharyngitis, infectious bronchopneumonia, influenza and ephemeral fever of cattle. Additionally it used for the treatment of fibrinous bronchopneumonia, mastitis, metritis, anthrax, vibriosis, actinomycosis, actinobacillosis, infectious hepatitis necrosis, subcutaneous tumor, tetanus, gas gangrene, lymphangitis, pyemia, leptospirosis, anaplasmosis, listeriosis, pasteurellosis, nocardiosis, calf diphtheria, synovitis, arthritis, polyarthritis, nephritis, pyelonephritis, cystitis, prostatitis, peritonitis, foreign substancedependent reticuloperitonitis and pericarditis, acute endocarditis. Lastly it can be used for the treatment of secondary complications of viral infections, umbilical cord inflammation of newborns, wound infections (abscess, acne, furunculosis, phlegmon, gangrene), exudative and pustular dermatitis, ecthyma, foot infections (pyethen, pododermatitis, foot rot) and post-operative wound infections.

- **USAGE AND DOSAGE:**

Practical Dose: It is administered at a dose of 1 ml / 20 kg bodyweight, via intramuscular route.

Species	Bodyweight	Therapeutic Dose
Cattle, Horses	400 kg	20 ml
Heifers	200 kg	10 ml
Calves, Foals	100 kg	5 ml
Swine	40 kg	2 ml
Sheep, Goats	40 kg	2 ml
Dogs	10 kg	0,5 ml

Note:
In general, single dose will be sufficient but if required, second dose can be administered in 3 days intervals.

- **PRESENTATION:** It is presented in vials of 50, 100 and 250 ml.

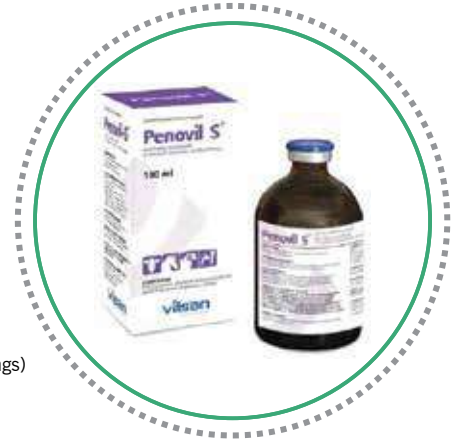
- **WITHDRAWAL PERIODS:** Cattle, swine, sheep and goat kept for meat must not be sent to slaughter throughout the treatment and within 60 days following the last drug administration. Milk of animals obtained throughout the treatment and within 15 days (30 milkings) following the last drug administration should not be offered for consumption by humans. As time required for analyzing residue in the milk is long, it is not recommended to administer to dairy cows and dairy sheep.

- **TARGET SPECIES:** Cattle, Horse, Sheep, Goat, Swine, Dog

PENOVIL S

Suspension for Injection

Veterinary Systemic Antibacterial



DOSAGE
1 ml / 20 kg bodyweight

WITHDRAWAL PERIODS
Cattle, Sheep, Goats : 60 days
Dairy Cow and Sheep : 8 days (16 milkings)

- **COMPOSITION:** Each 1 ml contains 200 000 IU Procaine penicillin G and 250 mg Dihydrostreptomycin sulphate.

- **INDICATIONS:** PENOVIL S Suspension for Injection is used for the treatment of septicemia and pneumonia of newborns, hemorrhagic septicemia, enzootic pneumonia, sinusitis, pharyngitis, infectious bronchopneumonia, influenza and ephemeral fever of cattle. It is also used for the treatment of fibrinous bronchopneumonia, mastitis, metritis, anthrax, vibriosis, actinomycosis, actinobacillosis, infectious hepatite necrosan, subcutaneous tumor, tetanus, gas gangrene, lymphangitis, pyemia, leptospirosis, anaplasmosis, listeriosis, pasteurellosis, nocardiosis, calf diphtheria, synovitis, arthritis, polyarthritis, nephritis, pyelonephritis, cystitis, prostatitis, peritonitis, foreign substance- dependent reticuloperitonitis, pericarditis and acute endocarditis. Additionally it is used in treatment of secondary complications of viral infections, umbilical cord inflammation of newborns, wound infections (abscess, acne, furunculosis, phlegmon, and gangrene), exudative and pustular dermatitis, ecthyma, foot infections (pododermatitis and foot rot) and post-operative wound infections.

- **USAGE AND DOSAGE:**
  Practical Dose: It is administered at a dose of 1 ml / 20 kg bodyweight / day via intramuscular route.

Species	Bodyweight	Therapeutic Dose
Cattle, Horses	400 kg	20 ml
Heifers	200 kg	10 ml
Calves, Foals	100 kg	5 ml
Swine	40 kg	2 ml
Sheep, Goats	40 kg	2 ml
Dogs	10 kg	0,5 ml

  Note:
  In general, single dose will be sufficient but if required, a second dose can be administered in 3 days intervals.

- **PRESENTATION:** It is presented in vials of 50, 100 and 250 ml.

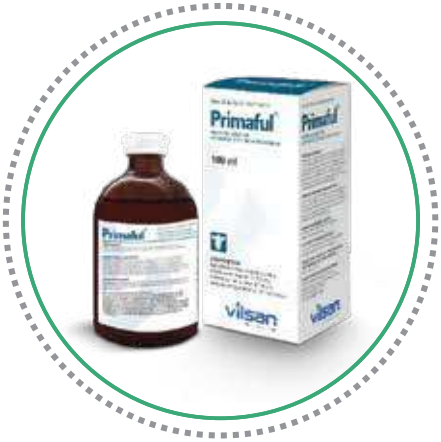
- **WITHDRAWAL PERIODS:** Cattle, swine, sheep and goat kept for meat must not be sent to slaughter throughout the treatment and within 60 days following the last drug administration. Milk of animals obtained throughout the treatment and within 8 days (16 milkings) following the last drug administration should not be offered for consumption by humans. As time required for analyzing residue in the milk is long, it is not recommended to administer to dairy

- **TARGET SPECIES:** Cattle, Horse, Sheep, Goat, Swine, Dog

PRIMAFUL

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE

Cattle :1 ml / 10 kg bodyweight
Sheep, Goats: 1,5-2,5 ml/50 kg bodyweight

WITHDRAWAL PERIODS

Cattle, Sheep, Goat : 35 days
Dairy Cow : 12 days (24 milkings)

- **COMPOSITION:** Each 1 ml contains Oxytetracycline dihydrate equivalent to 300 mg Oxytetracycline base and Flunixin meglumine equivalent to 20 mg Flunixin.

- **INDICATIONS:**
  PRIMAFUL Solution for Injection is used in cows, sheep, goats, calves and pigs for the treatment of systemic and local infections, infections in the respiratory and urinary system infections caused by susceptible bacteria, as well as secondary bacterial infections. It is also effective in the treatment of foot infections, umbilical cord infections and secondary bacterial infections of the foot-and-mouth disease and additionally in other secondary bacterial infections of target species.

- **USAGE AND DOSAGE:**

  Pharmacological Dose:
  For cattle and swine : 30 mg / kg bodyweight Oxytetracycline and 2 mg / kg bodyweight Flunixin
  For sheep, goats and calves: 8-15 mg / kg bodyweight Oxytetracycline and 0.5-1 mg / kg bodyweight

  Practical Dose
  For cattle and swine: 1 ml / 10 kg bodyweight for cattle and 1 ml / 10 - 15 kg bodyweight for swine via deep intramuscular route For sheep, goats and calves 1.5-2.5 ml/50 kg via deep intramuscular route

  Note
  In single application, anti-inflammatory effect continues for 24-36 hours and antibacterial effect continues for 5-6 days.

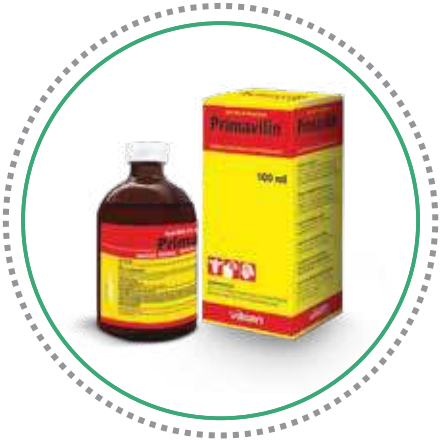
- **WITHDRAWAL PERIODS:** Cattle, sheep and goats kept for meat should not be sent to slaughter throughout the treatment and within 35 days following the last drug administration. Swine kept for meat must not be sent to slaughter throughout the treatment and within 20 days following the last drug administration. Milk of cows obtained throughout the treatment and within 12 days (24 milkings) following the last drug administration should not be offered for consumption by humans. As the time required for analysing residue in milk is long, it is not recommended to administer to cattle fed for obtaining milk to provide for human consumption.

- **TARGET SPECIES:** Cattle, Sheep, Goat, Swine

PRIMAVILIN

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE
1 ml / 10 kg bodyweight / day

WITHDRAWAL PERIODS
Cattle, Sheep, Goat : 12 days
Dairy Cow : 8 days (16 milkings)

- **COMPOSITION:** Each 1 ml contains Oxytetracycline hydrochloride equivalent to 100 mg Oxytetracycline base.

- **INDICATIONS:** PRIMAVILIN Solution for Injection is used for the treatment of respiratory and urinary system infections and also for the treatment of secondary bacterial infections of the viral diseases such as foot-and-mouth disease. It is also used for pasteurellosis, joint and umbilical cord infections, foot infections and for protection from transportation stress in target species.

- **USAGE AND DOSAGE:**

  Pharmacological Dose:
  In cattle, camels, sheep, goats and swine:
  It is administered at a dose of 10 mg / kg bodyweight / day via intramuscular or slow intravenous route.

  Practical Dose:
  Practical dose is 1 ml / 10 kg bodyweight / day for cattle, camels, sheep, goats and swine

  Note
  Do not administer more than 10 ml to cattle and camels and more than 5 ml to calves, goats, sheep and swine per injection site.

- **PRESENTATION:** It is presented in vials of 50 and 100 ml.

- **WITHDRAWAL PERIODS:** Cattle, sheep and goats kept for meat should not be sent to slaughter throughout the treatment and within 12 days following the last drug administration. Swine kept for meat should not be sent to slaughter throughout the treatment and within 10 days, following the last drug administration. Milk of cows, sheep and goats obtained throughout the treatment and within 8 days (16 milkings) following the last drug administration should not be offered for consumption by humans. As time required for analyzing residue in milk is long, it is not recommended to administer to cows, sheep and goats fed for obtaining milk to provide for human consumption.

- **TARGET SPECIES:** Cattle, Camel, Sheep, Goat, Swine

PRIMAVILIN LA

Solution for Injection

Veterinary Systemic Antibacterial

DOSAGE
1 ml / 10 kg bodyweight / day

WITHDRAWAL PERIODS
Cattle, Camel, Sheep, Goat: 28 days
Dairy Cow, Sheep, Goat : 12 days (24 milkings)

- **COMPOSITION:** Each 1 ml contains Oxytetracycline dihydrate equivalent to 200 mg Oxytetracycline base.

- **INDICATIONS:** PRIMAVILIN-LA Solution for Injection is used for the treatment of respiratory and urinary tract infections and also for the treatment of secondary bacterial infections of viral diseases such as foot-and-mouth disease. It is also used for pasteurellosis, joint and umbilical cord infections, foot infections and additionally for protection from transportation stress in target species.

- **USAGE AND DOSAGE:**

  Pharmacological Dose:
  In cattle, camels, sheep, goats and swine:
  It is administered at a dose of 20 mg / kg bodyweight in cattle, camels, sheep, goats and swine.

  Practical Dose:
  Practical dose is 1 ml / 10 kg bodyweight for cattle, camels, sheep, goats and swine.

  Note
  It should be applied by intramuscular route.

- **PRESENTATION:** It is presented in vials of 50, 100 and 250 ml.

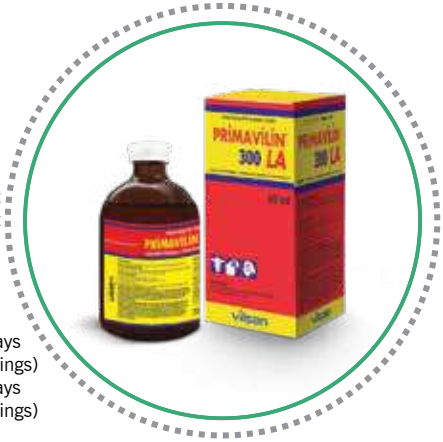
- **WITHDRAWAL PERIODS:** Cattle, camels, sheep, goats and swine kept for meat should not be sent to slaughter throughout the treatment and within 28 days following the last drug administration. Milk of cows, sheep and goats obtained throughout the treatment and within 12 days (24 milkings) following the last drug administration should not be offered for consumption by humans. As time required for analyzing the residue in milk is long, it is not recommended to administer to cattle, sheep and goats which are fed for obtaining milk to provide for human consumption.

- **TARGET SPECIES:** Cattle, Camel, Sheep, Goat, Swine

PRIMAVILIN LA 300

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE

For 3-4 days effect: 1 ml/15 kg bodyweight
For 4-6 days effect: 1 ml/10 kg bodyweight

WITHDRAWAL PERIODS

20 mg/kg dose: Cattle, Sheep, Goat : 28 days
Dairy Cow, Sheep, Goat : 12 days (24 milkings)
30 mg/kg dose: Cattle, Sheep, Goat : 35 days
Dairy Cow, Sheep, Goat : 14 days (28 milkings)

- **COMPOSITION:** Each 1 ml contains Oxytetracycline dihydrate equivalent to 300 mg Oxytetracycline base.
- **INDICATIONS:** PRIMAVILIN-LA 300 Solution for Injection is used for the treatment of respiratory and urinary system infections and also for the treatment of secondary bacterial infections of the viral diseases such as foot-and-mouth disease. It is also used for the treatment of pasteurellosis, joint and umbilical cord infections, foot infections and for protection from transportation stress in target species.
- **USAGE AND DOSAGE:**

  For 3 – 4 days effect:

  Pharmacological Dose: It is administered at a dose of 20 mg / kg bodyweight in cattle, camels, swine, sheep and goats.
  Practical Dose: It is administered at a dose of 1 ml / 15 kg bodyweight in cattle, camels, swine, sheep and goats.

  For 4 – 6 days effect:

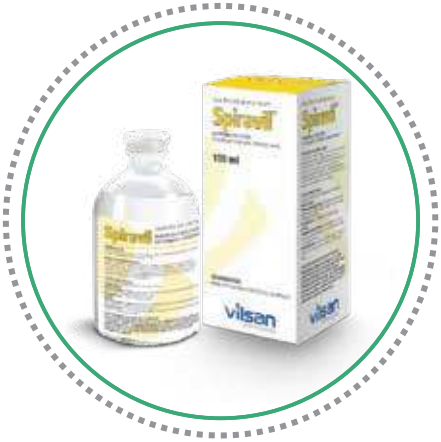
  Pharmacological Dose: It is administered at a dose of 30 mg / kg bodyweight in cattle, camels, swine, sheep and goats.
  Practical Dose: It is administered at a dose of 1 ml / 10 kg bodyweight in cattle, camels, swine, sheep and goats.

  Note
  It should be applied by deep intramuscular route.
- **PRESENTATION:** It is presented in vials of 20, 50 and 100 ml.
- **WITHDRAWAL PERIODS:**
  20 mg/kg dose: Drug residue elimination time for cattle, sheep, goats and swine which are fed for meat is 28 days. Milk obtained during the treatment and for 12 days (24 milkings) after the last drug administration must not be presented for human consumption.
  30 mg/kg dose: Drug residue elimination time for cattle, sheep, goats and swine which are fed for meat is 35 days. Milk obtained during the treatment and for 14 days (28 milkings) after the last drug administration must not be presented for human consumption. It is not recommended to administer to cows from which milk is produced for human consumption because the purification period for medicinal remains is long.
- **TARGET SPECIES:** Cattle, Camel, Sheep, Goat, Swine

SPIRAVIL

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE
Cattle : 1 ml / 20 kg bodyweight
Calves : 2,5 ml / 20 kg bodyweight

WITHDRAWAL PERIODS
Cattle : 21 days
Dairy Cows : 7 days (14 milkings)

- **COMPOSITION:** Each 1 ml contains 600 000 IU Spiramycin.

- **INDICATIONS:** SPIRAVIL Solution for Injection is used in the treatment of mastitis (caused by Streptococcus sp, Staphylococcus sp. and Mycoplasma sp.), pyeten disease, pulmonary system infections (caused by Pasteurella sp. and Mycoplasma sp.), enzootic pneumonia, arthritis, metritis, enteritis and also for the treatment of Ompahaloflebitis and Omphalitis, which are caused by spiramycin-susceptible microorganisms.

- **USAGE AND DOSAGE:**
  For cattle and swine:
  Pharmacological dose: Single dose of 30 000 IU Spiramycin/kg bodyweight is administered via deep intramuscular route.
  Practical dose: It is administered at a dose of 1 ml / 20 kg bodyweight.

  For calves and piglets:
  Pharmacological Dose: Single dose of 75 000 IU Spiramycin/kg bodyweight is administered via deep intramuscular route
  Practical Dose: It is administered at a dose of 2.5 ml / 20 kg bodyweight. If required, dose can be repeated after 24 hours following the first dose.

  Note
  Do not administer more than 15 ml in cattle and more than 5 ml in calves and swine per injection site.

- **PRESENTATION:** It is presented in vials of 50 and 100 ml.

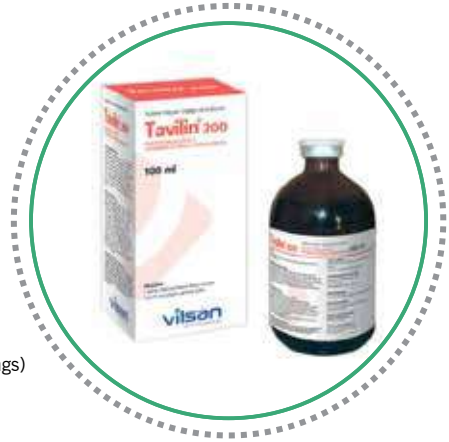
- **DRUG RESIDUE CAUTIONS:** Cattle kept for meat should not be sent to slaughter throughout the treatment and within 21 days following the last drug administration Pigs (sows) kept for meat should not be sent to slaughter throughout the treatment and within 18 days following the last drug administration. Milk obtained during the treatment and for 7 days (14 milkings) after the last drug administration must not be presented for human consumption.

- **TARGET SPECIES:** Cattle, Swine

TAVILIN 200

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE
0.5 ml / 10 kg bodyweight / day

WITHDRAWAL PERIODS
Cattle, Sheep, Goat : 10 days
Dairy Cow, Sheep, Goat : 3 days (6 milkings)

- **CONTENT:** Each 1 ml contains Tylosin tartrate equivalent to 200 mg tylosin base.

- **INDICATIONS**: TAVILIN-200 Solution for Injection is Acute mastitis caused by lung and uterine infections, fork rot, streptococcus and Staphylococcus sp. in cattle; pulmonary - thoracic membrane infections and infections causing abortion in sheep and goats; secondary respiratory infections, external ear and uterine inflammation, leptospirosis and viral diseases in dogs and cats caused by the susceptible bacteria.It is used in bacterial infections. In general, it is used for the treatment all infections caused by bacteria sensitive to Tylosin.

- **USAGE AND DOSAGE:**

  Pharmacological Dose:
  Pharmacological doses are 5 - 10 mg / kg bodyweight / day for cattle and 10 mg / kg bodyweight / day for sheep, goats, swine, cats and dogs.

  Practical Dose
  Practical doses are 0.5 ml / 10 kg bodyweight / day or 2.5 ml / 50 kg bodyweight / day for cattle and 0.5 ml / 10 kg bodyweight / day for sheep, goats, swine, cats and dogs. It is administered only via intramuscular route. The treatment should be continued for one more day after the symptoms disappear.

  Note
  Total treatment should not exceed 5 days.

- **PRESENTATION:** It is presented in vials of 50 and 100 ml.

- **WITHDRAWAL PERIODS:** Cattle, sheep, goats and swine kept for meat must not be sent to slaughter throughout the treatment and for 10 days following the last drug administration. Milk obtained throughout the treatment and within 3 days (6 milkings) following the last drug administration should not be offered for consumption by humans.

- **TARGET SPECIES:** Cattle, Sheep, Goat, Swine, Cat, Dog

TAYLOGEN

Solution for Injection

Veterinary Systemic Antibacterial

DOSAGE

Cattle : 1 ml / 25-30 kg bodyweight
Sheep, Goats : 1 ml / 20 kg bodyweight

WITHDRAWAL PERIODS

Cattle, Sheep, Goat : 7 days
Dairy Cow, Sheep, Goat : 3 days (6 milkings)

- **COMPOSITION:** Each 1 ml contains 100 mg Tylosin tartrate and 50 mg Gentamicin sulphate.

- **INDICATIONS:** TAYLOGEN Solution for Injection is used in cattle, sheep, goats, swine, cats and dogs for treating infections caused by microorganisms sensitive to gentamicin and tylosin. It is particularly used in chronic respiratory diseases (CRD), pneumonia, pleuritis, pasteurellosis, enteritis, gastroenteritis, salmonellosis, and diarrhea of piglets, metritis and mastitis.

- **USAGE AND DOSAGE:** It is administered via intramuscular route as defined below:

  For cattle:
  It is administered at a dose of 1 ml / 25 - 30 kg bodyweight.

  For swine, sheep and goats:
  It is administered at a dose of 1 ml / 20 kg bodyweight.

  For cats and dogs:
  It is administered at a dose of 1 ml / 15 kg bodyweight.

  Note
  The treatment should be continued for 3-4 days

- **PRESENTATION:** It is presented in vials of 20, 50 and 100 ml.

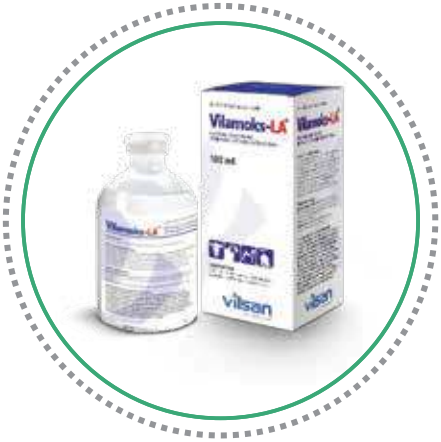
- **WITHDRAWAL PERIODS:** Animals kept for meat should not be sent to slaughter throughout the treatment and within 7 days following the last drug administration. Milk of animals obtained throughout the treatment and within 3 days (6 milkings) following the last drug administration should not be offered for consumption by humans.

- **TARGET SPECIES:** Cattle, Sheep, Goat, Swine, Cat, Dog

VILAMOKS-LA

Suspension for Injection

Veterinary Systemic Antibacterial



DOSAGE
1 ml / 10 kg bodyweight

WITHDRAWAL PERIODS
Cattle, Sheep, Goat : 30 days
Dairy Cow, Sheep : 3 days (6 milkings)

- **COMPOSITION:** Each 1 ml contains Amoxicillin trihydrate equivalent to 150 mg Amoxicillin base.
- **INDICATIONS:** VILAMOKS-LA Suspension for Injection is used for preventing and treating gastrointestinal and urogenital system infections caused by amoxicillin- susceptible microorganisms like *Campylobacter, Clostridium, Corynebacterium, E. coli, Erysipelothrix, Haemophilus, Pasteurella, Salmonella*, penicillinase negative *Staphylococcus and Streptococcus* spp. It is also used for the treatment of respiratory tract infections and other soft tissue infections as well as for post-operative infections in cattle, swine, goats, sheep, cats and dogs. Additionally, it is used for supporting local treatment in pneumonia, enteritis, umbilical cord infections and moreover in mastitis and metritis.
- **USAGE AND DOSAGE:** It is administered via intramuscular route as defined below:

  Pharmacological Dose
  It is administered at a dose of 15 mg / kg bodyweight in target species.

  Practical Dose
  It is administered at a dose of 1 ml / 10 kg bodyweight in target species.

Species	Bodyweight	Therapeutic Dose
Cattle	400 kg	40 ml
Heifers	200 kg	20 ml
Calves	50 kg	5 ml
Sheep, Goats	20 kg	1-2 ml
Sows	75 kg	7,5 ml
Dogs	20 kg	2 ml
Lambs	10 kg	1 ml
Cats, Piglets	5 kg	0,5 ml

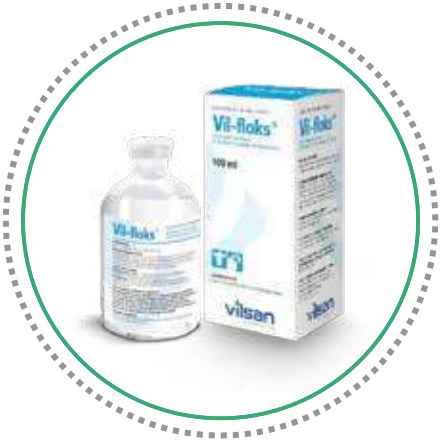
  Note
  It should be administered only via intramuscular route in cattle, sheep and swine and via intramuscular and subcutaneous route in cats and dogs. If required, dose can be repeated after 48 hours following the first dose. Shake well before use.

- **PRESENTATION:** It is presented in vials of 50, 100 and 250 ml.
- **WITHDRAWAL PERIODS:** Cattle, sheep, goat and swine kept for meat must not be sent to slaughter throughout the treatment and for 30 days following the last drug administration. Milk obtained from cattle and sheep during the treatment and for 3 days (6 milkings) following the last drug administration should not be offered for human consumption.
- **TARGET SPECIES:** Cattle, Sheep, Goat, Swine, Cat, Dog

VIL-FLOKS

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE
2,5 ml / 100 kg bodyweight

WITHDRAWAL PERIODS
Cattle, Camel : 14 days
Sheep : 10 days
Dairy Cow : 4 days (8 milkings)
Dairy Sheep : Nil

- **COMPOSITION:** Each 1 ml contains 100 mg Enrofloxacin base.
- **INDICATIONS:**
  For Cattle, Camels and Sheep: VIL-FLOKS Solution for Injection is used for diseases of the respiratory and alimentary tract of bacterial or mycoplasmal origin (e.g.pasteurellosis, mycoplasmosis, coli-bacillosis, coli-septicaemia and salmonellosis) and also for secondary bacterial infections subsequent to viral infections (e.g., viral pneumonia), where clinical experience supported is possible and sensitivity testing of the causal organism indicates enrofloxacin as the drug of choice. It is also used for the treatment of local signs (inflammation, milk quality and yield) associated with peracute/acute mastitis in the lactating dairy cattle caused by E. coli, where herd history and previous sensitivity testing indicate enrofloxacin as the drug of choice.
  For Swine: It is used for the respiratory and alimentary tract diseases originated from bacteria or mycoplasma (e.g. pasteurellosis, mycoplasmosis, coli-bacillosis, coli-septicaemia and salmonellosis) and also for the multifactorial diseases such as atrophic rhinitis and enzootic pneumonia where clinical experience support is possible and sensitivity testing of the causal organism indicates enrofloxacin as the drug of choice.
- **USAGE AND DOSAGE:**
  Pharmacological Dose
  It is administered at a dose of 2.5 mg / kg bodyweight / day via subcutaneous or intramuscular route in cattle, swine and sheep. It is administered at a dose of 2.5 - 5 mg / kg bodyweight /day in camels.

  Practical Dose
  Practical dose is 2.5 ml / 100 kg bodyweight.

Species	Bodyweight	Therapeutic Dose
Cattle, Camels	400 kg	10 ml
Calves, Heifers	200 kg	5 ml
Swine	100 kg	2,5 ml
Sheep	40 kg	1 ml
Lambs	20 kg	0,5 ml

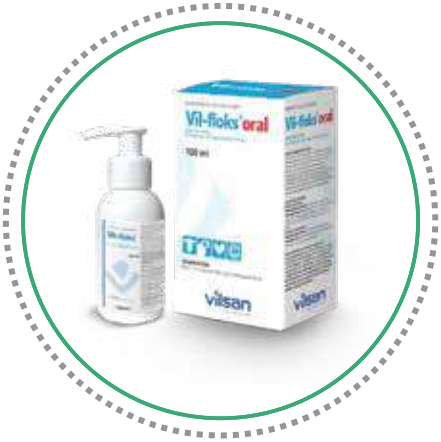
  If required, treatment is continued for 3-5 days.

  Note
  It should not be used in growing animals. It should always be reserved as a second-line treatment based on culture and susceptibility. It is not recommended in combination with rifampin.
- **PRESENTATION:** It is presented in vials of 20, 50 and 100 ml.
- **WITHDRAWAL PERIODS:**Cattle and camels kept for meat should not be sent to slaughter throughout the treatment and for 14 days following the last drug administration. Sheep and swine kept for meat should not be sent to slaughter throughout the treatment and for 10 days following the last drug administration. Milk of cows obtained throughout the treatment and within 4 days (8 milkings) following the last drug administration should not be offered for consumption by humans. It should not be used in sheep, whose milk is offered for consumption by humans.
- **TARGET SPECIES:** Cattle, Camel, Sheep, Swine

VIL-FLOKS Oral

Oral Solution

Veterinary Oral Antibacterial



DOSAGE

Calves : 1 ml / 20 kg bodyweight / day
Lambs : 1 ml / 20 kg bodyweight / day

WITHDRAWAL PERIODS

Cattle, Sheep, Goat : 8-10 days
Dairy Cow, Sheep : Nil

- **COMPOSITION:** Each 1 ml contains 100 mg Enrofloxacin base.
- **INDICATIONS:** VIL - FLOKS Oral Solution is used in calves and lambs whose rumen activities have not started, for the treatment of the respiratory and digestive system diseases like pleuropneumonia, gastroenteritis, septicemia and colibacillosis. Additionally, it is used for the treatment of other soft tissue diseases caused by the enrofloxacin sensitive gram-negative bacteria, gram-positive bacteria and Mycoplasmas and also for enrofloxacin sensitive bacterial complications of the viral diseases. It is used in swine for the treatment of diseases of the respiratory and alimentary tract of bacterial or mycoplasmal origin (e.g. pasteurellosis, mycoplasmosis, coli-bacillosis, coli-septicaemia and salmonellosis) and multifactorial diseases such as atrophic rhinitis and enzootic pneumonia where clinical experience, supported where possible by sensitivity testing of the causal organism, indicates enrofloxacin as the drug of choice.
- **USAGE AND DOSAGE:**

  Pharmacological Dose
  It is administered at a dose of 5 mg / kg bodyweight / day in calves, lambs and 1.5-5 mg / kg bodyweight / day piglets.

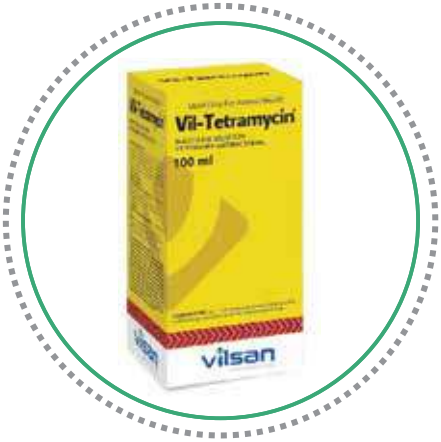
  Practical Dose
  For calves and lambs
  It is administered orally by mixing with the drinking water at a dose of 1 ml / 20 kg bodyweight / day.
  For piglets
  It is administered orally by mixing with the drinking water at a dose ofml / 20 kg bodyweight / day.

  Note
  The treatment should be continued for 3-5 days.
- **PRESENTATION:** It is presented in bottles of 100 ml , 500 ml, 1L, 3L and 5L.
- **WITHDRAWAL PERIODS:**Cattle and sheep kept for meat must not be sent to slaughter during the treatment and within 8 days and 10 days, respectively, after the last drug administration.
- **TARGET SPECIES:** Calf, Lamb, Piglet

VIL-TETRAMYCIN

Solution for Injection

Veterinary Systemic Antibacterial



DOSAGE
1 ml / 3 kg bodyweight / day

WITHDRAWAL PERIODS
Cattle, Sheep, Goat : 12 days
Dairy Cow, Sheep : 5 days (10 milkings)

- **COMPOSITION:** Each 1 ml contains 32.37 mg Oxytetracycline hydrochloride equivalent to 30 mg Oxytetracycline base.
- **INDICATIONS:** VIL-TETRAMYCIN Solution for Injection is used for the treatment of systemic and local infections, respiratory and urinary tract system infections and also for the treatment of secondary bacterial infections caused by the sensitive bacteria in target species.
- **USAGE AND DOSAGE:**

  Pharmacological Dose
  Pharmacological dose is 10 mg / kg bodyweight / day is administered via intramuscular and intravenous route in cattle, camels, sheep, swine and goats. For cats and dogs, the administered route should be preferred at a dose of 10 mg/ kg bodyweight / day subcutaneous and intravenous.

  Practical Dose
  Practical dose is 1 ml / 3 kg bodyweight / day for target species. It can be administered via intramuscular, intravenous, subcutaneous, intraperitoneal use in cattle, camels, sheep, swine, and goats and via subcutaneous or intravenous route in cats and dogs. Treatment can be prolonged up to 3-5 days upon the severity of disease.

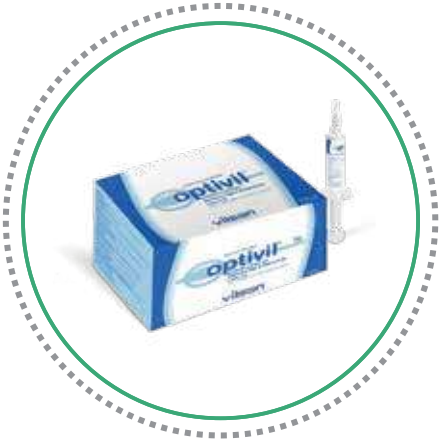
  Note
  Do not administer more than 10 ml to cattle and camels and more than 5 ml to sheep, goats and dogs. If it is necessary, the total dose should be divided into two and then injected into different regions.

- **PRESENTATION:** It is presented in vials of 50, 100 and 250 ml.
- **WITHDRAWAL PERIODS:**Cattle, sheep and goats kept for meat should not be sent to slaughter throughout the treatment and within 12 days following the last drug administration. Swine kept for meat should not be sent to slaughter throughout the treatment and within 10 days following the last drug administration. Milk of cows, sheep and goats obtained throughout the treatment and within 5 days (10 milkings) following the last drug administration should not be offered for consumption by humans. As time required for analyzing residue in milk is long, it is not recommended to administer to cows, sheep and goats fed for obtaining milk to provide for human consumption.
- **TARGET SPECIES:** Cattle, Camel, Sheep, Goat, Swine, Cat, Dog

OPTIVIL

Ophthalmic Ointment

Veterinary Local Antibacterial



DOSAGE

Cattle, Horses, Camels:
5-10 cm stripe for each eye.
Sheep: 5 cm stripe for each eye

WITHDRAWAL PERIODS

Cattle, Camel, Sheep : 0 days
Dairy Cow, Sheep: Nil

- **COMPOSITION:** Each 1 g contains 213 mg Cloxacillin benzathine.
- **INDICATIONS:** OPTIVIL Ophthalmic Ointment is used for the treatment of ocular infections in cattle, camels, horses, sheep, cats, dogs and swine, where susceptible organisms (including Moraxella bovis sp.) are suspected or anticipated as pathogens.
- **USAGE AND DOSAGE:**

  Practical Dose

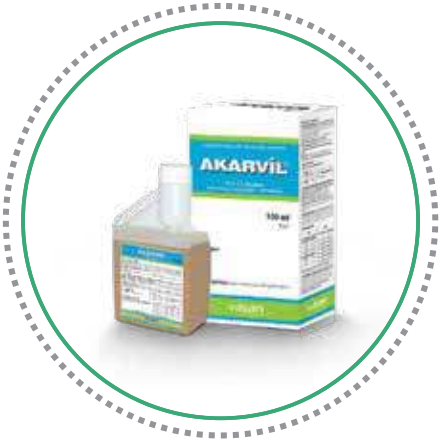
  For Cattle, Horses and Camels:
  It should be administered as 5 - 10 cm stripe for each eye. Apply to the conjunctival cavity to lift up the inferior palpebra.
  For Sheep and Swine:
  It should be administered as 5 cm stripe for each eye.
  For Cats and Dogs:
  It should be administered as a 2 cm stripe for each eye.

  Note
  Shake well before use.
  Normally the single dose application is enough.
  Treatment may be repeated at intervals of 48-72 hours in target species if necessary.
  If the animal only has one infected eye, it may be advisable to treat both eyes to prevent cross infection.
- **PRESENTATION:** It is presented in 5 g tubes inside cardboard boxes, each containing 24 pieces.
- **WITHDRAWAL PERIODS :** Drug residue elimination time is “0” day for meat and milk of the target species.
- **TARGET SPECIES:** Cattle, Horse, Camel, Sheep, Swine, Cat, Dog

AKARVIL %1

Pour-on Solution

Veterinary Insecticide-Acaricide



DOSAGE
1 ml / 10 kg bodyweight

WITHDRAWAL PERIODS
Cattle, Camel, Sheep, Goat : 0 days
Dairy Cow : Nil

- **COMPOSITION:** Each 1 ml contains 10 mg Flumethrin.
- **INDICATIONS:** AKARVIL Pour-on Solution is used in cattle, camels, deer, goats and sheep for fighting against the following single and multiple host ticks, sucking and biting lice and scab factors which are in their mature and development phase.
  Ticks: *Boophilus sp., Hyalomma sp., Rhipicephalus sp., Ambiyomma sp., Dermancentor marginatus*
  Sucking and biting lice: *Haematophinus sternus, Linognathus vituli, Bavicola bovis, B. ovis, Melaphagus ovinus*
  Scab factors: It is used in fighting against *Psoroptes ovis.*
  In dogs, it is used for fighting against demodex mange.
- **USAGE AND DOSAGE:** It is applied only on the skin surface. It is poured on the animals according to the adjusted dose, from the shoulder region down to the end of the spinal column.

  Pharmacological Dose: It is applied on the skin surface in target species, according to the calculation of 1 mg flumethrin / kg bodyweight.

  Practical Dose:

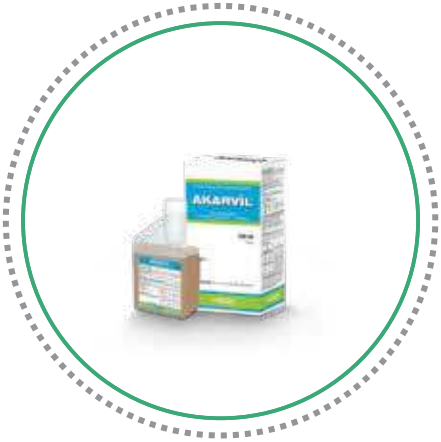
Cattle / Camels / Deer		Sheep / Goals	
Bodyweight	**Dose**	**Bodyweight**	**Dose**
100 kg	10 ml	10 kg	1 ml
200 kg	20 ml	20 kg	2 ml
300 kg	30 ml	30 kg	3 ml
400 kg	40 ml	40 kg	4 ml
500 kg	50 ml	50 kg	5 ml

  For the treatment of psoroptic mange and louse:
  Two-fold of the calculated dose is administered in cattle, camels, deer, goats and sheep.
  For the treatment of demodex mange in dogs:
  It is administered at a dose of 1 ml / 10 kg bodyweight.
  Note
  It should be administered only via external route.
- **PRESENTATION:** It is presented in bottles of 100 ml and 500 ml.
- **WITHDRAWAL PERIODS:** During the treatment and after the last drug administration, the drug residue elimination time is zero (0) days for cattle kept for meat and milk as well as for sheep and goats kept for meat. It must not be used in sheep and goats from which milk is obtained for human consumption.
- **TARGET SPECIES:** Cattle, Camel, Deer, Goat, Sheep, Dog

AKARVIL 2%

Pour-on Solution

Veterinary Insecticide-Acaricide



DOSAGE
1 ml / 20 kg bodyweight

WITHDRAWAL PERIODS
Cattle, Camel, Sheep, Goat : 0 days
Dairy Cow : Nil

- **COMPOSITION:** Each 1 ml contains 20 mg Flumethrin.
- **INDICATIONS:** AKARVIL 2% Pour-on Solution is used for insecticide and acaricide purposes against ticks with single and multiple hosts, louse (blood sucking and biting types) and scab agents, all in their mature and development phase, occurring in cattle, camels, deer, sheep, goats and dogs.
  Ticks: *Boophilus sp. Hyalomma sp., Rhipicephalus sp. Amblyomma sp. Dermancentor marginatus,* sucking and biting lice: *Haematophinus sternus, Linognathus vituli, Bavicola bovis, B. ovis, Melaphagus ovinus*
  Scab agents: It is used against *Psoroptes ovis*. It is also used against demodex scabs in dogs.
- **USAGE AND DOSAGE:** It is applied only on skin surface. It is poured at adjusted doses in animals starting from the cidago region to the coccygeal region.

  Pharmacological Dose: It is applied on the skin surface in target species, according to the calculation of 1 mg flumethrin / kg bodyweight.

  Practical Dose:

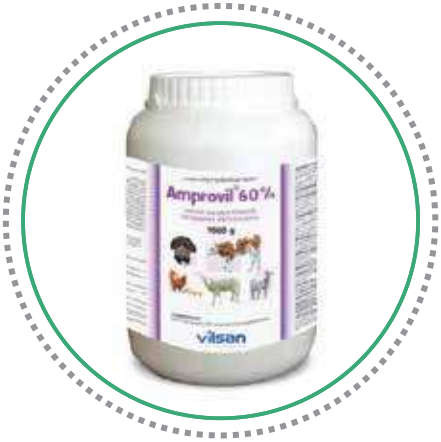
Cattle / Camels / Deer		Sheep / Goals	
Bodyweight	**Dose**	**Bodyweight**	**Dose**
100 kg	5 ml	10 kg	0,5 ml
200 kg	10 ml	20 kg	1 ml
300 kg	15 ml	30 kg	1,5 ml
400 kg	20 ml	40 kg	2 ml
500 kg	25 ml	50 kg	2,5 ml

  For the treatment of psoroptic mange and louse:
  Two-fold of the calculated dose is administered in cattle, camels, deer, goats and sheep.
  For the treatment of demodex mange in dogs:
  It is administered at a dose of 1 ml / 20 kg bodyweight. It is only administered topically.
- **PRESENTATION:** It is presented in bottles of 100 ml and 500 ml.
- **WITHDRAWAL PERIODS:** During the treatment and after the last drug administration, the drug residue elimination time is zero (0) days for cattle kept for meat and milk as well as for sheep and goats kept for meat. It must not be used in sheep and goats from which milk is obtained for human consumption.
- **TARGET SPECIES:** Cattle, Camel, Deer, Goat, Sheep, Dog

AMPROVIL 60%

Powder for Oral Solution

Anticoccidial Oral Solution



DOSAGE

10 g Amprovil 60 % per 100 L of water for 7 - 14 days. (60 mg / L Amprolium HCl)

WITHDRAWAL PERIODS

Cattle, Sheep, Goat : 3 days

- **COMPOSITION:** Each 1 g contains 600 mg Amprolium hydrochloride.
- **INDICATIONS:** AMPROVIL 60% Powder for Oral Solution is used for the treatment of and protection from intestinal, colon and caecal cocidiosis cases arising from *Eimeria bovis (E. bovis) , E. zurni, and E. Ellipsoidalis* in calves, *E. diblieckі, E. neodebliecki, E. perminuta* in pigs, and *E. ovina and E. ovinoidalis* in sheep and goats.
- **USAGE AND DOSAGE:** It is administered via oral route by mixing with the drinking water.

  For Calves, Sheep, Goats and Swine:
  Protective Dose: It is administered at a dose of 10 g Amprovil 60 % per 100 L of water for 7 - 14 days. (60 mg / L Amprolium HCl)

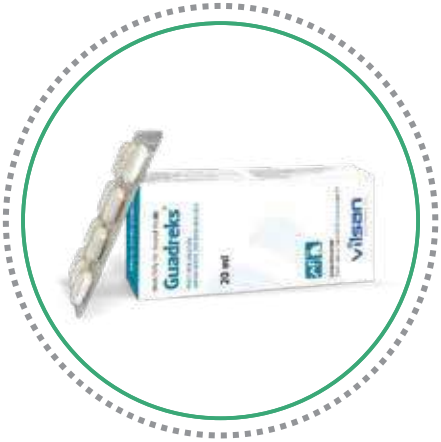
  Treatment Dose:
  Mild outbreak: It is administered at a dose of 20 g Amprovil 60 % / 100 L water for 5 - 7 days. (120 mg / L Amprolium HCl)

  Severe outbreak: It is administered at a dose of 40 g Amprovil 60 % / 100 L water for 5 - 7 days. (240 mg / L Amprolium HCl)
- **PRESENTATION:** It is presented in bottles of 100 g, 500 g, 1000 g and 5000 g.
- **WITHDRAWAL PERIODS:** Calves, sheep, goats and swine kept for meat should not be sent to slaughter throughout the treatment and within 3 days following the last drug administration.
- **TARGET SPECIES:** Calf, Sheep, Goat, Swine

GUADREKS

Oral Tablet

Veterinary Antihelmintic



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Sheep, Goat : 0 day Dairy
Sheep, Goats : 0 day

- **COMPOSITION:** Each tablet contains 250 mg Praziquantel.
- **INDICATIONS:** GUADREKS Oral Tablets are used for the treatment and control of infestations of tapeworms (cestodes) and flukes (trematodes) in horses, sheep, goats, swine, cats and dogs.
- **USAGE AND DOSAGE:**

Pharmacological Dose
Pharmacological doses are, for sheep, goats and swine is 5 - 10 mg / kg, for cats and dogs it is 7.5 - 15 mg / kg and for horses it is 1 mg / kg bodyweight, all administered via oral route.

Practical Dose

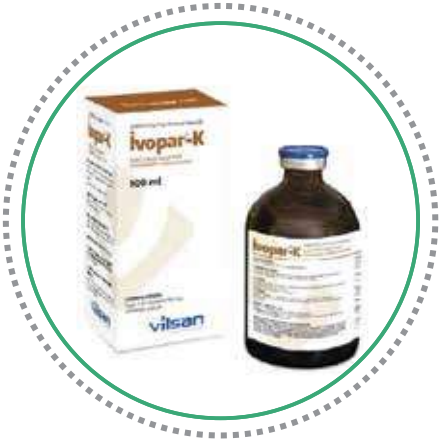
Target Species	Therapeutic Dose
Lambs (Less than 25 kg)	½ tablet
Lambs (Over 25 kg)	1 tablet
Sheep, Goats	1-1½ tablet
Swine	1-1½ tablet
Rams (Over 60 kg)	2 tablets
Foals	½-1 tablet
Horses	1-2 tablets
Dogs (Less than 15 kg)	½ tablet
Dogs (15-25 kg)	1 tablet
Dogs (Over 40 kg)	2 tablets
Cats (Over 40 kg)	½ tablet

- **PRESENTATION:** It is presented in blister packages of 10 and 50 tablets inside carton boxes.
- **WITHDRAWAL PERIODS:** Drug residue elimination time is “0” day for meat and milk of the target species.
- **TARGET SPECIES:** Horse, Sheep, Goat, Swine, Cat, Dog

IVOPAR

Solution for Injection

Veterinary Endectocide



DOSAGE
2.5 - 5 ml / 50 kg bodyweight

WITHDRAWAL PERIODS
Cattle, Sheep : 28 - 42 days
Dairy Cow, Sheep : Nil

- **COMPOSITION:** Each 1 ml contains Closantel sodium equivalent to 50 mg Closantel.
- **INDICATIONS:** IVOPAR Solution for Injection is used for fighting against lung and gastrointestinal worms, liver-flukes, nose worms and larvae of hypoderma bovis in cattle and sheep.
- **USAGE AND DOSAGE:**

Practical Dose

Bodyweight	Therapeutic Dose
50 kg	2.5 - 5 ml

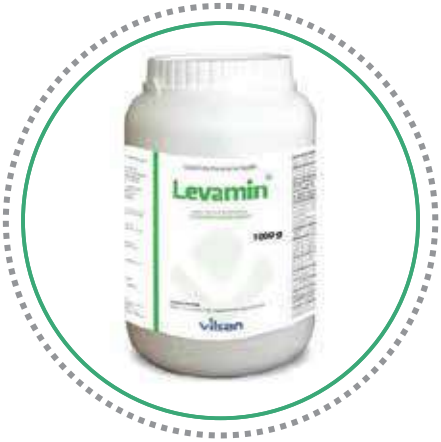
Note
It should be only administered via subcutaneous route.

- **PRESENTATION:** It is presented in vials of 50 and 100 ml.
- **WITHDRAWAL PERIODS:** Cattle and sheep kept for meat should not be sent to slaughter throughout the treatment and at least 28 days and 42 days, respectively, following the last drug administration. It should not be administered to dairy cows and sheep from which milk is obtained for human consumption.
- **TARGET SPECIES:** Cattle, Sheep

LEVAMIN

Powder for Oral Solution

Veterinary Anthelmintic



DOSAGE

Cattle, Sheep, Goat :
1 g / 20 kg bodyweight / day

WITHDRAWAL PERIODS

Cattle, Sheep, Goats : 14-21 days
Dairy Cow, Sheep, Goats : Nil

- **COMPOSITION:** Each 1 g contains 150 mg Levamisole hydrochloride.
- **INDICATIONS:** LEVAMIN Powder for Oral Solution is used for fighting against lung and gastrointestinal worms and against eye nematodes in cattle, sheep, goats and swine.
- **USAGE AND DOSAGE:**

  Pharmacological Dose
  It is administered at a dose of 7.5 mg / kg bodyweight in cattle, sheep, goats and swine.

  Practical Dose

Target Species	Therapeutic Dose	Duration
Cattle, Sheep, Goats	1 g / 20 kg bodyweight	1 day
Swine	6 g Levamin per 10 L of drinking water	1 day

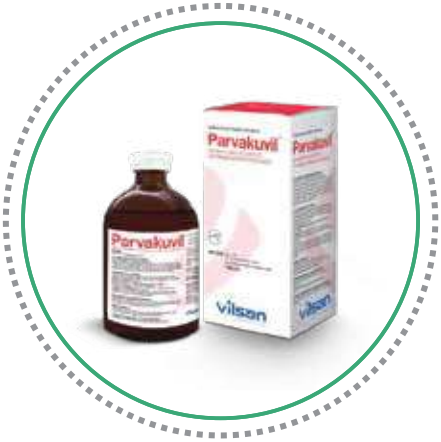
  It should be administered only via oral route in cattle and sheep.

- **PRESENTATION:** It is presented in bottles of 20 g and in jars of 500 g and 1000 g.
- **WITHDRAWAL PERIODS:** Cattle and sheep kept for meat should not be sent to slaughter throughout the treatment and within 14 and 21 days, respectively, following the last drug administration. Swine kept for meat should not be sent to slaughter throughout treatment and within 10 days following the last drug administration. It should not be administered to dairy cows and sheep which are fed for milk to provide for human consumption.
- **TARGET SPECIES:** Cattle, Sheep, Goat, Swine

PARVAKUVIL

Solution for Injection

Veterinary Antiprotozoal



DOSAGE
1 ml / 20 kg bodyweight

WITHDRAWAL PERIODS
Cattle : 42 days
Dairy Cow : 2 days (4 milkings)

- **COMPOSITION:** Each 1 ml contains 50 mg Buparvaquone.
- **INDICATIONS:** PARVAKUVIL Solution for Injection is used for the treatment of tropical theileriosis in cattle which is caused by T.annulata, T. parva, T. bovis, T. mutans and T. Sergenti. Buparvaquone in PARVAKUVIL Injectable Solution has specific effects on the treatment of Theileria. It is also effective against schizont and piroplasm stages of Theileria spp. and may be used during the incubation period of the disease, or when clinical signs are apparent.
- **USAGE AND DOSAGE:**

  Pharmacological Dose
  It is administered at a dose of 2.5 mg / kg bodyweight via intramuscular route.

  Practical Dose
  It is administered at a dose of 1 ml / 20 kg bodyweight in cattle.
  Single dose is enough for the treatment. In serious situations, it can be used again after 48 and 72 hours following the first single dose administration.
  It is administered to cattle from the neck region via deep intramuscular route

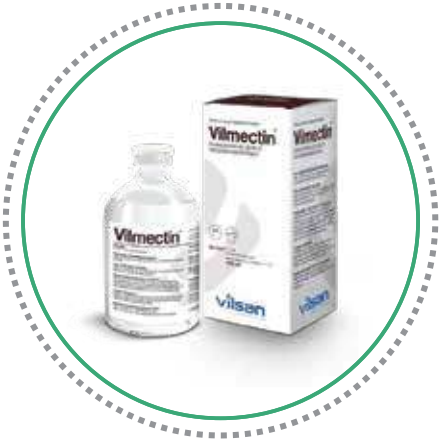
  Note
  If administration over 10 ml is required, the total volume should be equally divided into two doses and each dose should be administered in different sites.

- **PRESENTATION:** It is presented in vials 20, 50 and 100 ml
- **WITHDRAWAL PERIODS:** Animals kept for meat should not be sent to slaughter throughout the treatment and within 42 days following the last drug administration. Milk of cows obtained during the treatment and for 2 days (4 milkings) following the last drug administration should not be offered for consumption by humans
- **TARGET SPECIES:** Cattle

VILMECTIN

Solution for Injection

Veterinary Endectocide



DOSAGE

Cattle, Camels: 1 ml / 50 kg bodyweight
Sheep, Goats : 0.5 ml / 25 kg bodyweight
Lambs : 0.1 ml / 5 kg bodyweight

WITHDRAWAL PERIODS

Cattle, Sheep, Goats : 28 days
Dairy Cow, Sheep, Goats : It is not used

- **COMPOSITION:** Each 1 ml contains 10 mg Ivermectin.
- **INDICATIONS:** VILMECTIN Solution for Injection is used for fighting against lung, eye, nose and wound worms (in parasitic period), gastrointestinal nematodes, warbles, scabies, mites, louses and ticks in cattle, camels, sheep, goats and swine.
- **USAGE AND DOSAGE:**

Pharmacological Dose

It is administered at a dose of 0.2 mg ivermectin / kg bodyweight for the target species.

Practical Dose

Target Species	Therapeutic Dose
Cattle, Camels	1 ml / 50 kg bodyweight
Sheep, Goats	0.5 ml / 25 kg bodyweight
Pigs	1 ml / 33 kg bodyweight
Piglets	0.1 ml / 3 kg bodyweight
Lambs	0.1 ml / 5 kg bodyweight

Note

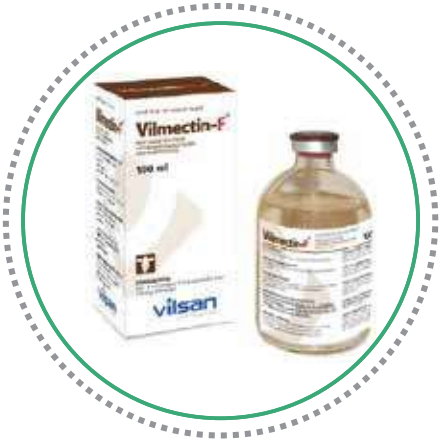
It should be administered only via subcutaneous route.

- **PRESENTATION:** It is presented in vials of 20, 50, 100 and 250 ml.
- **WITHDRAWAL PERIODS:** Cattle, sheep and goats kept for meat must not be sent to slaughter for 28 days following the last drug administration. Swine kept for meat must not be sent to slaughter within 21 days following the last drug administration. It should not be administered to dairy cows, sheep and goats from which milk is obtained for human consumption.
- **TARGET SPECIES:** Cattle, Camel, Sheep, Goat, Swine

VILMECTIN - F

Solution for Injection

Veterinary Endectocide



DOSAGE

Cattle, Camel, Sheep, Goats :
1 ml / 50 kg bodyweight

WITHDRAWAL PERIODS

Cattle, Camel	: 35 days
Sheep, Goats	: 42 days
Dairy Cow, Sheep, Goats	: It is not used

- **COMPOSITION:** Each 1 ml contains 10 mg Ivermectin and 100 mg Clorsulon.
- **INDICATIONS:** VILMECTIN-F Solution for Injection is used for fighting against the endo-parasites and ecto-parasites, such as the liver-flukes, lung and gastrointestinal worms, fasciolosis, scabies, wound worms (in parasitic period), nose worms, ticks, mites and lice in in cattle, camels, sheep and goats.
- **USAGE AND DOSAGE:**

Pharmacological Dose

It is administered at doses of 0.2 mg ivermectin / kg bodyweight and 2 mg clorsulon / kg bodyweight in cattle, camels, sheep and goats.

Practical Dose

Target Species	Therapeutic Dose
50 kg	1 ml
100 kg	2 ml

Note

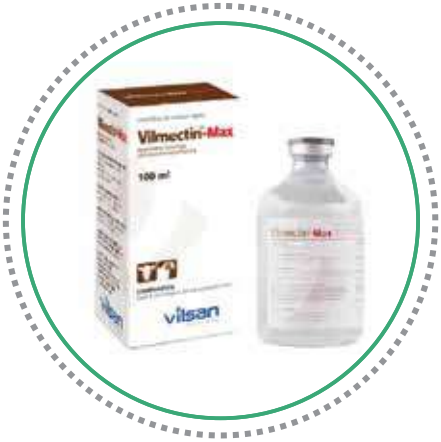
It should be only administered via the subcutaneous route. It should not be administered in lactating dairy cattle or pre-ruminant calves and lambs.

- **PRESENTATION:** It is presented in vials of 50 and 100 ml.
- **WITHDRAWAL PERIODS:** Cattle and camels kept for meat must not be sent to slaughter throughout the treatment and within 35 and 28 days, respectively, following the last drug administration. Sheep and goats must not be treated within 42 days of slaughter for human consumption. It should not be administered to dairy cows from which milk is obtained for human consumption.
- **TARGET SPECIES:** Cattle, Camel, Sheep, Goat

VILMECTIN - MAX

Solution for Injection

Veterinary Endectocide



DOSAGE

Cattle, Camels: 1 ml / 100 kg bodyweight
Sheep, Goats : 0.5 ml / 50 kg bodyweight
Lambs : 0.1 ml / 2.5 kg bodyweight

WITHDRAWAL PERIODS

Cattle, Sheep, Goats : 28 days
Dairy Cow, Sheep, Goats : It is not used

- **COMPOSITION:** Each 1 ml contains 10 mg Ivermectin.
- **INDICATIONS:** VILMECTIN Solution for Injection is used for fighting against lung, eye, nose and wound worms (in parasitic period), gastrointestinal nematodes, warbles, scabies, mites, louses and ticks in cattle, camels, sheep, goats and swine.
- **USAGE AND DOSAGE:**

Pharmacological Dose

It is administered at a dose of 0.2 mg ivermectin / kg bodyweight for the target species.

Practical Dose

Target Species	Therapeutic Dose
Cattle, Camels	1 ml / 50 kg bodyweight
Sheep, Goats	0.5 ml / 25 kg bodyweight
Pigs	1 ml / 33 kg bodyweight
Piglets	0.1 ml / 3 kg bodyweight
Lambs	0.1 ml / 5 kg bodyweight

Note

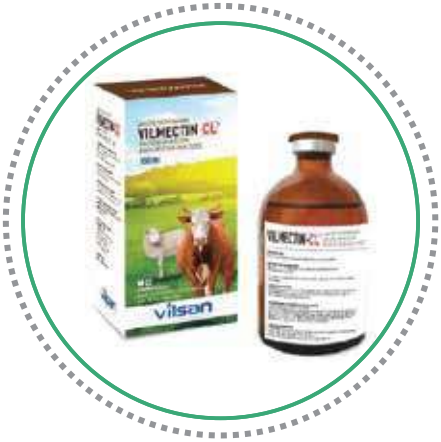
It should be administered only via subcutaneous route.

- **PRESENTATION:** It is presented in vials of 20, 50, 100 and 250 ml.
- **WITHDRAWAL PERIODS:** Cattle, sheep and goats kept for meat must not be sent to slaughter for 28 days following the last drug administration. Swine kept for meat must not be sent to slaughter within 21 days following the last drug administration. It should not be administered to dairy cows, sheep and goats from which milk is obtained for human consumption.
- **TARGET SPECIES:** Cattle, Camel, Sheep, Goat, Swine

VILMECTIN - CL

Solution for Injection

Veterinary Endectocide



DOSAGE
1 ml / 50 kg bodyweight

WITHDRAWAL PERIODS
Cattle, Sheep, Goats : 42 days
Dairy Cow, Sheep, Goats : It is not used

- **COMPOSITION:** Each 1 ml contains 10 mg Ivermectin and 50 mg Closantel (as closantel sodium dihydrate).
- **INDICATIONS:** Vilmectin-CL is a wide spectrum preparation with endo- and ecto-parasitary actions and used for treatment and control of endo- and ecto-parasites in cattle and sheep. It is successfully used for gastro- intestinal nematodes, pulmonary enterobiasis, dermatological filariasis agents, ophthalmic nematodes, hepatic rots, myiasis agents, scabby agents, wound worms, sucking and biting lice, phtirus, ticks and flies in sheep and cattle. It is also effective against hipodermozis flies and larvae agents in cattle.
- **USAGE AND DOSAGE:** It is only administered via subcutaneous route. In the cattle, it is administered to loose subcutaneous layer at neck region or back to scapula, whereas it is subcutaneously injected to loose skin at axillary or posterior axillary region in the sheep.

Pharmacological Dose
0.2 mg Ivermectin and 2.5 mg Closantel/kg bodyweight is applied via the subcutaneous route.

Practical Dose

Target Species	Bodyweight	Dosage(ml)
Cattle	50-100	1-2
	100-200	2-4
	200-400	4-8
Sheep	20-25	0.5
	25-50	0.5-1
	50-75	1-1.5

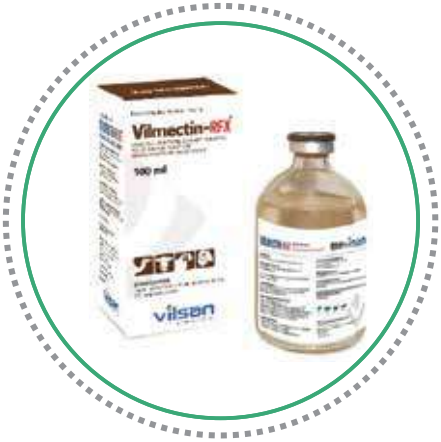
For doses over 10 ml, the dose should be administered in equal half doses

- **PRESENTATION:** It is presented in vials of 50, 100 and 250 ml.
- **WITHDRAWAL PERIODS:** Cattle and sheep kept for meat must not be sent to slaughter throughout the treatment within 35 days and 42 days respectively, following the last drug administration. It should not be administered to dairy cows from which milk is obtained milk for human consumption
- **TARGET SPECIES:** Cattle, Sheep

VILMECTIN - RFX

Solution for Injection

Veterinary Endectocide



DOSAGE
1 ml / 50 kg bodyweight

WITHDRAWAL PERIODS
Cattle, Sheep, Goats : 35 days
Camel : 28 days
Dairy Cow, Sheep, Goats : It is not used

- **COMPOSITION:** Each 1 ml contains 10 mg Ivermectin and 125 mg Rafoxanide.
- **INDICATIONS:** Vilmectin-RFX is a wide spectrum preparation with endo- and ecto-parasitary actions and used for treatment and control of endo- and ecto-parasites in cattle, camels, sheep and goats. It is successfully used for gastro-intestinal nematodes, pulmonary enterobiasis, dermatological filariasis agents, ophthalmic nematodes, hepatic rots, myiasis agents, scabby agents, wound worms, sucking and biting lice, phtirus, ticks and flies in target species. It is also effective against hipodermozis flies larvae agents in cattle.
- **USAGE AND DOSAGE:** It is only administered via subcutaneous route. In the cattle, it is administered to loose subcutaneous layer at neck region or back to scapula, whereas it is subcutaneously injected to loose skin at axillary or posterior axillary region in the sheep.

  Pharmacological Dose
  0.2 mg Ivermectin and 3 mg Rafoxanide/kg bodyweight is applied via subcutaneous route.

Target Species	Therapeutic Dose
Cattle, camels	1 ml / 50 kg bodyweight
Sheep, goats	0.5 ml / 25 kg bodyweight

  For doses over 10 ml, the dose should be administered in equal half doses.

- **PRESENTATION:** It is presented in vials of 50 and 100 ml
- **WITHDRAWAL PERIODS:** Cattle, sheep and goats kept for meat must not be sent to slaughter throughout the treatment within 35 days, following the last drug administration. Camels must not be treated within 28 days of slaughter for human consumption. It should not be administered to dairy cows of which milk is obtained for human consumption.
- **TARGET SPECIES:** Cattle, camel, sheep, goat

ATROVIL 1%

Solution for Injection

Veterinary Anticholinergic

DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Cattle, Sheep, Goats : 14 days
Dairy Cow, Sheep, Goat : 4 days (8 milkings)

- **COMPOSITION:** Each 1 ml contains 10 mg atropine sulphate.
- **INDICATIONS:** ATROVIL 1% Solution for Injection is used as a spasmolytic in painful conditions of animals and also for decreasing salivation and bronchial secretion during surgeries under anesthesia and as pre- anesthetic substance for preventing adverse effects on increased vagal tonus on the heart (together with analgesic drugs before anesthesia particularly in traumatized cats and dogs). Moreover, it is used as an antidote in toxicities of insecticides with organic phosphor or in the carbamate group as well as in morphine and eserin, pylacorpin, arecholin and chloroform toxicities.
- **USAGE AND DOSAGE:**

Practical Dose

It should be administered via subcutaneous route for parasempatolysis. It is administered at doses mentioned in the table below for target species. In the first day of the treatment, two-fold of the doses mentioned below are administered to target species and in remaining days, it is administered at doses mentioned below.

Species	Usage
Cattle, Horses	1.5 - 6 ml
Sheep, Goats	0.5 - 3 ml
Swine	0.2 - 0.4 ml
Dogs	0.03 - 0.5 ml
Cats	0.01 - 0.03 ml

Note
If it is used as an antidote, it should be administered slowly via intravenous route in toxicities of organic phosphor or carbamate group insecticides. It should be administered via subcutaneous route in other toxicities.

Species	Usage
Cattle	5 - 10 ml / 100 kg
Horses	1 - 2 ml / 100 kg
Swine	0.2 - 2 ml / 10 kg
Dogs	0.1 - 0.2 ml / 10 kg
Cats	0.1 - 0.2 ml / 10 kg

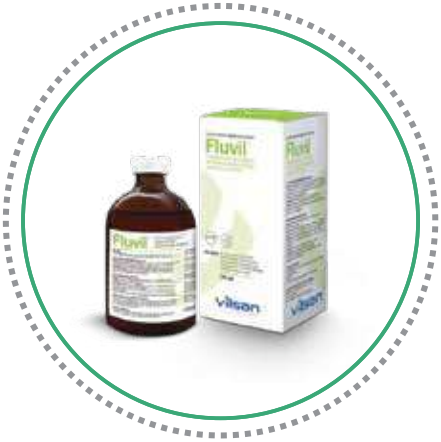
Note
After monitoring atropinization symptoms and depending on the regression of toxicity symptoms, dose should be repeated. In the treatment of heart blockade, which may occur during xylazine anesthesia in horses, atropine at a dose of 0.01 mg / kg bodyweight (0.5 ml / 100 kg bodyweight) is administered via the intravenous route.

- **PRESENTATION:** It is presented in amber glass bottles of 20 ml, 50 ml and 100 ml in the cardboard boxes.
- **WITHDRAWAL PERIODS :** Cattle, sheep and swine kept for meat should not be sent to slaughter throughout the treatment and within 20 days following the last drug administration. Following antimuscarinic dose, cattle and sheep kept for meat should not be sent to slaughter for 14 days following the last drug administration. Milk obtained from cattle and sheep throughout the treatment and within 4 days (8 milkings) following the last drug administration should not be offered for consumption by humans.
- **TARGET SPECIES:** Cattle, Horse, Sheep, Goat, Swine, Cat, Dog

FLUVIL

Solution for Injection

Veterinary Anti-Inflammatory



DOSAGE

Horses : 1 ml / 45 kg bodyweight
Cattle, Dogs : 2 ml / 45 kg bodyweight

WITHDRAWAL PERIODS

Cattle : 21 days
Dairy Cow : 5 days (10 milkings)

- **COMPOSITION:** Each 1 ml contains Flunixin meglumine equivalent to 50 mg Flunixin.
- **INDICATIONS:** FLUVIL Solution for Injection is used for the treatment of inflammation and pain occurring along with the skeleton-muscle system diseases (arthritis, laminitis, tendinitis, myositis, etc.) in horses and for the treatment of the pains and stitches resulting from the muscle spasms of the internal organs. In cattle, it is used as an anti-inflammatory agent for the cases of respiratory system infections progressing with high fever. Additionally, it is used in infections and pain occurring after birth, joint diseases and acute mastitis, and also for the control of pyrexia associated with swine respiratory disease.
- **USAGE AND DOSAGE:**

Pharmacological Dose

It is administered at doses of 1.1 mg / kg bodyweight in horses and 2.2 mg / kg bodyweight in cattle, swine and dogs.

Practical Dose

Species	Therapeutic Dose
Horses	1 ml / 45 kg bodyweight / day
Swine	2 ml / 45 kg bodyweight / day
Cattle, Dogs	2 ml / 45 kg bodyweight / day

Note

It should be administered via intravenous and intramuscular route for 3 days. It is contraindicated in pregnant animals.

- **PRESENTATION:** It is presented in vials of 20, 50 and 100 ml.
- **WITHDRAWAL PERIODS :** Cattle and swine kept for meat must not be sent to slaughter during the treatment and for 21 days following the last drug administration. Milk of cows obtained during the treatment and for 5 days (10 milkings) following the last drug administration should not be offered for consumption by humans.
- **TARGET SPECIES:** Cattle, Horse, Swine, Dog

KAFEVIL

Solution for Injection

Veterinary Analeptic

DOSAGE
Cattle, Horses : 2 - 6 ml / 100 kg / day
Sheep, Goats : 1 - 3 ml / 50 kg / day
Cats, Dogs : 0.1 - 0.3 ml / 5 kg / day

WITHDRAWAL PERIODS
Cattle, Sheep, Goat : 0 day
Dairy Cow, Sheep, Goat : 0 day

- **COMPOSITION:** Each 1 ml contains 250 mg caffeine.
- **INDICATIONS:** KAFEVIL Solution for Injection is used as a stimulator for the central nerve system particularly for the respiratory center for horses, cattle, sheep, goats, swine, dogs and cats. It also decreases the absolute potential of the heart in inflammatory disease (pneumonia, alum, etc.), stimulates the respiratory system, ascites caused by heart disease related to portal and renal failure, as a diuretic (with digitalis), and increase the activity of striated muscles, narcosis intoxication, before using arecoline and such drugs for support of the heart.
- **USAGE AND DOSAGE:**

Pharmacological Dose
It is administered at a dose of 5 - 15 mg / kg bodyweight in target species.

Practical Dose

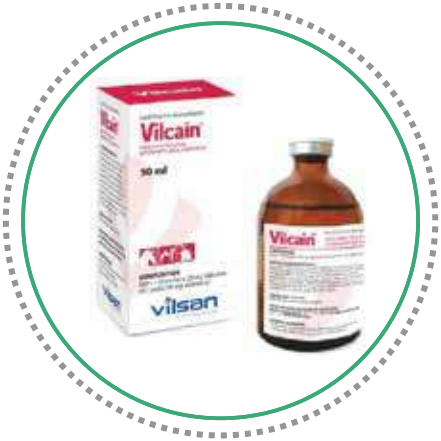
Species	Dose
Cattle, Horses	2 - 6 ml / 100 kg bodyweight / day
Sheep, Goats, Swine	1 - 3 ml / 50 kg bodyweight / day
Cats, Dogs	0.1 - 0.3 ml / 5 kg bodyweight / day

- **PRESENTATION:** It is presented in vials of 20 ml, 50 ml and 100 ml.
- **WITHDRAWAL PERIODS :** Drug residue elimination time for meat and milk of the target species is “0” day.
- **TARGET SPECIES:** Cattle, Horse, Sheep, Goat, Swine, Cat, Dog

VILCAIN

Solution for Injection

Veterinary Local Anesthetic



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Cattle, Sheep : 5 days Dairy
Cow, Sheep : 96 hours

- **COMPOSITION:** Each 1 ml contains 20 mg Lidocaine HCl and 0.01 mg Adrenaline.
- **INDICATIONS:** VILCAIN Solution for Injection is used in cattle, horses, swine, cats and dogs to provide local anesthesia before gynecological interventions like difficult birth, cesarean, prolapsus uteri and before operations like castration and tail amputation and also after the trauma. Additionally, it is used for infiltration, nerve extent anesthesia, epidural and regional anesthesia. It is also a suitable anesthetic for the superficial anesthesia of the mucous membranes in mouth, nose and neck region.
- **USAGE AND DOSAGE:**

Pharmacological Dose
It is administered at a dose of 5 - 15 mg / kg bodyweight in target species.

Practical Dose

Infiltration Anesthesia	
Horses	20 - 50 ml (maximum dose: 150-200 ml)
Cattle	5 - 100 ml
Sheep	2 - 50 ml
Swine	60 - 80 ml
Cats, Dogs	2 - 5ml (maximum dose: Cats: 5 ml, Dogs: 30 ml)
Nerve Extension Anesthesia	
Horses	2 - 15 ml (maximum dose: 30 ml)
Cattle	10 - 15 ml
Lower and Upper Epidural Anesthesia	
Horses	5 - 20 ml
Cattle	4 - 10 ml
Calf, Sheep	3 - 7 ml
Cats, Dogs	1 - 5 ml

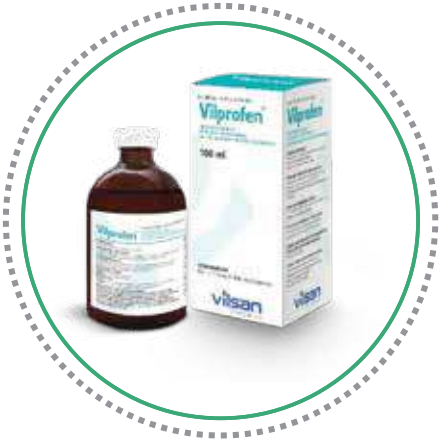
It is administered via subcutaneous, nerve extension and epidural routes.

- **PRESENTATION:** It is presented in vials of 20 and 50 ml.
- **WITHDRAWAL PERIODS:** Cattle, sheep and swine kept for meat must not be sent to slaughter during the treatment and within 5 days following the last drug adminNot for use in the animals offered to human consumptionistration. Not used in the horses with food value. Milk taken from treated animals within 96 hours after the last treatment with this drug must not be used in food.
- **TARGET SPECIES:** Cattle, Horse, Sheep, Swine, Cat, Dog

VILPROFEN

Solution for Injection

Veterinary Non-Steroidal Anti-Inflammatory and Anti-Rheumatic



DOSAGE
Horses: 10 ml / 450 kg bodyweight is administered once a day for 5 days
Cattle: 3 ml /100 kg bodyweight is administered 1-3 day(s)

WITHDRAWAL PERIODS
Cattle : 1-4 days
Dairy Cow : 0 day

- **COMPOSITION:** Each 1 ml contains 100 mg Ketoprofen.
- **INDICATIONS:** Veterinary Non-Steroidal
  Anti-Inflammatory and Anti-RheumatoidVILPROFEN Solution for Injection is used for providing anti-inflammatory, analgesic, anti-pyretic and anti-rheumatoid effects in cattle, horses and swine. It is particularly used,
  In Cattle for:
  Regressing clinical symptoms in the form of supportive therapy in acute respiratory tract infections, acute mastitis, breast edema and colic. Eliminating hazardous effects of endotoxins released in Gram-negative bacterial infections. Treatment of non-infectious inflammations of musculoskeletal system (inability to stand up secondary to postnasal musculoskeletal disorders) Diarrhea. It is combined for eliminating clinical symptoms in association with oral dehydration therapy in non-milking cows, young animals and one-week old calf.
  In Horses for:
  Traumatic arthritis – synovitis, tendinitis, osteochondritis, dissecans, osselets, laminitis, soft tissue swelling, postoperative inflammation and swelling as well as non-infectious inflammation of musculoskletal system. It can be used in combination with other drugs for relieving pain in equine colic. It is successfully used in treatment of ocular inflammations such as uveitis, keratitis and traumatic corneal ulceration.
  In Swine for:
  Diseases associated with inflammation, pain or fever. Treatment associated with the Postpartum Dysgalactia Syndrome /Mastitis Metritis Agalactia (MMA) Syndrome Respiratory tract infections Symptomatic treatment of fever For short-term relief of post-operative pain associated with minor soft tissue surgery such as castration in piglets.
- **USAGE AND DOSAGE:** It is administered slowly to cattle and horses via intramuscular (IM, anterior half of neck) and intravenous route (IV). In swine, it is administered via intramuscular route.

  Pharmacological Dose
  Horses: 2.2 mg / kg bodyweight
  Cattle: 3 mg / kg bodyweight
  Swine: 3 mg / kg bodyweight
  Practical Dose
  Horses: 10 ml / 450 kg bodyweight is administered once a day for 5 days.
  Cattle: 3 ml /100 kg bodyweight is administered 1-3 day(s).
  Swine: 1 ml / 33 kg bodyweight is administered.
- **PRESENTATION:** It is presented in vials of 20 ml, 50 ml and 100 ml.
- **WITHDRAWAL PERIODS :** Cattle kept for meat should not be sent to slaughter throughout the treatment and within 1 day following the last drug administration in intravenous administrations and within 4 days following the last drug administration in intramuscular administrations. Swine kept for meat should not be sent to slaughter throughout the treatment and within 4 days following the last drug administration. Drug residue elimination time for milk in cattle (for IV and IM administrations) is “0” day.
- **TARGET SPECIES:** Cattle, Horse, Swine

BEFORVEL

Solution for Injection

Veterinary Vitamins

DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Cattle, Sheep, Goat : 0 day
Dairy Cow, Sheep, Goat : 0 day

- **COMPOSITION:** Each 1 ml contains 5 mg Vitamin B_1, 2 mg Vitamin B_2, 2 mg Vitamin B_6, 4 μg Vitamin B_{12}, 20 mg Niacinamide and 10 mg D-panthenol.
- **INDICATIONS:** BEFORVEL Solution for Injection is used for supportive purposes besides principal treatment of absorption disorders, inflammatory diseases, acute and chronic infections and related recovery period during oral antibiotic and sulfonamide administrations. It is also used in the treatment of involuntary muscle and enzootic ataxia due to mineral deficiencies, disorders of skin, muscle, nervous system, pregnancy period of young animals as well as in the treatment of septicemia, pneumonia, anemia, stress conditions, low- efficiency conditions and physical fatigue of newborns.
- **USAGE AND DOSAGE:**

Practical Dose	
Species	**Therapeutic Dose**
Cattle, Horses	15 - 30 ml
Calves, Heifer	10 - 15 ml
Calves Foals	5 - 10 ml
Sheep, Goats	5 - 10 ml
Swine	2 - 5 ml
Dogs	1 - 5 ml
Cats	1 ml

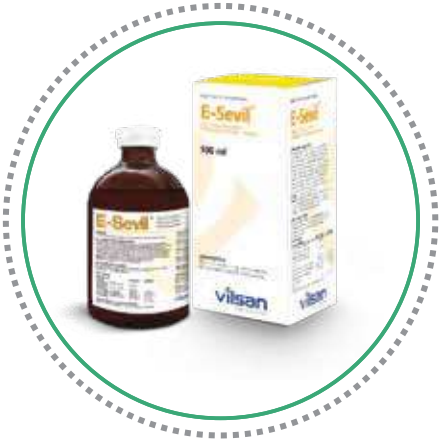
It should be applied via intramuscular and subcutaneous route.

- **PRESENTATION:** It is presented in vials of 20, 50 and 100 ml.
- **WITHDRAWAL PERIODS :** The withdrawal time for meat and milk of the target species is “0” day.
- **TARGET SPECIES:** Cattle, Horse, Sheep, Goat, Swine, Cat, Dog

E - SEVIL

Solution for Injection

Veterinary Vitamins and Minerals



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Cattle, Sheep, Goats : 0 day
Dairy Cow, Sheep, Goat : 0 day

- **COMPOSITION:** Each 1 ml contains 1 mg Sodium selenite, 60 mg Vitamin E and 40 mg Vitamin B_1.
- **INDICATIONS:** E-SEVIL Emulsion for Injection is used for the treatment of white muscle disease and failure syndrome of the new born animals coming from mothers fed on feed ration devoid of selenium and vitamin E. It is also used in case of weakness and atrophy developing in muscles as a result of insufficient nutrition, also for convulsion, paralysis, shipping stress, reduced appetite, liver necrosis, infertility, growth abnormalities of young animals, myoglobinuria and myosis of horses and for protection and treatment of encephalomalacia reduction of fertility rate in stallion herds. Additionally, it is used for the prevention of iron toxicity in young piglets.
- **USAGE AND DOSAGE:**

Practical Dose
It is administered via subcutaneous and intramuscular route.

Species	Profilactic Dose	Therapeutic Dose
Cows, Horses (after 5th month of pregnancy)	5 - 10 ml	-
Sheep, Goats (after 3th month of pregnancy)	1 - 2 ml	-
Calves Foals	0.5 - 1 ml	1 - 2 ml
Lambs, Kids (1-7 days)	0.25 ml	0.25 - 0.5 ml
Lambs, Kids (7-30 days)	0.25 - 0.5 ml	0.5 - 1 ml
Lambs, Kids (over 1 month)	0.5 - 1.0 ml	1 - 2 ml
Pigs	-	1 ml
Piglets	-	0.25 ml
Cats, Dogs	-	0.1 - 1.0 ml

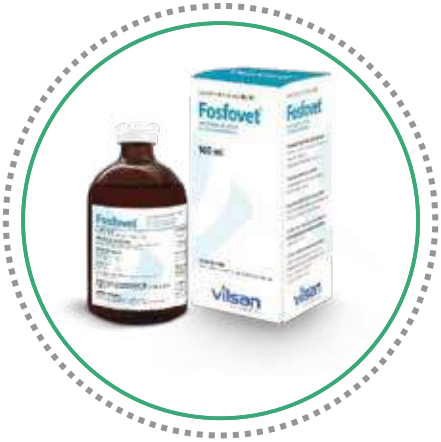
Note
Shake well before use. In continuous treatment, maximum 4 doses can be administered in 2 - week intervals. As selenium in this drug is a toxic substance, therapeutic doses should not be exceeded. Because of their possible allergic reaction to selenium, it should be administered very carefully to horses.

- **PRESENTATION:** It is presented in vials of 20 and 100 ml.
- **WITHDRAWAL PERIODS :** The withdrawal time for meat and milk of the target species is “0” day.
- **TARGET SPECIES:** Cattle, Horse, Sheep, Goat, Swine, Cat, Dog

FOSFOVET

Solution for Injection

Veterinary Minerals



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Cattle, Sheep, Goat : 0 day
Dairy Cow, Sheep, Goat : 0 day

- **COMPOSITION:** Each 1 ml contains 200 mg Toldimphos sodium.
- **INDICATIONS:** FOSFOVET Solution for Injection is used as tonic and regulator in following conditions for treating metabolic disorders:

  - Tetany and paresis due to calcium, phosphor and magnesium metabolism disorders (with calcium and magnesium preparations).
  - Phosphor deficiency syndrome occurred throughout spring.
  - Irregular nutrition
  - Bone metabolism disorders (rachitism, osteomalacia)
  - Strengthening callus in bone fractures (with Vitamin D preparations)
  - In newborn animals; fatigue, inability to stand, growth retardation, movement disorders, skeleton and joint disorders
  - Following difficult deliveries, fatigue and weakness throughout the recovery period
  - Fulfilling phosphor need in animals at growth and development phase and in animals with high productivity.
  - Pica cases arising from phosphor deficiency
  - Supplementing calcium treatment in hypophospatemia and hypocalcemia in milk cows

- **USAGE AND DOSAGE:**

  Practical Dose

Species	Therapeutic Dose
Big Animals	5 - 20 ml
Small Animals	1 - 3 ml
In Chronic Patients	
Big Animals	2.5 - 5 ml
Small Animals	1 - 2 ml

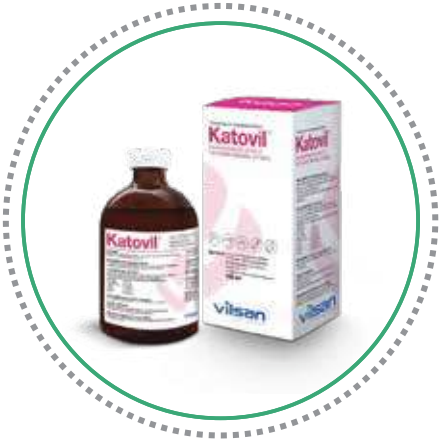
  It is administered via intramuscular or intravenous route.

- **PRESENTATION:** It is presented in vials of 50 and 100 ml.
- **WITHDRAWAL PERIODS :** The withdrawal time for meat and milk of the target species is “0” day.
- **TARGET SPECIES:** Cattle, Camel, Horse, Sheep, Goat, Swine

KATOVIL

Solution for Injection

Veterinary Minerals Vitamins



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Cattle, Sheep, Goats : 0 day
Dairy Cow, Sheep, Goat : 0 day

- **COMPOSITION:** Each 1 ml contains 100 mg Butaphosphan (equivalent to 17.30 mg Phosphorus) and 0.05 mg Vitamin B .
- **INDICATIONS:** KATOVIL Solution for Injection is used under the following conditions as a tonic and regulator for treating acute and chronic metabolic disorders:

  - Tetany and paresis due to calcium, phosphor and magnesium metabolism disorders (with calcium and magnesium preparations).
  - Phosphor deficiency syndrome occurring throughout spring.
  - Irregular and deficient nutrition, secondary and parasitic anemia.
  - Bone metabolism disorders (rachitism, osteomalacia)
  - Strengthening callus in bone fractures (with Vitamin D preparations)
  - In newborn animals; fatigue, inability to stand, growth retardation, movement disorders, skeleton and joint disorders
  - Following difficult deliveries, fatigue and weakness throughout the recovery period
  - Supplementing calcium treatment in hypophospatemia and hypocalcemia in milk cows
  - Support for calcium therapy of lumbago in horses
  - Chronic diseases and chronic metabolic disorders
  - Increasing productivity and strengthening immunity system in healthy animals (working animals and race animals),
  - Supporting growth of newborns of dogs and other animals

- **USAGE AND DOSAGE:**

Practical Dose
It is administered via intramuscular, subcutaneous and intravenous routes in cattle, camels, horses, sheep, goats, swine, cats and dogs.

Species	Therapeutic Dose
Cattle, Camels, Horses	5 - 25 ml
Calves, Foals	5 - 12 ml
Sheep, Goats	2.5 - 5 ml
Lambs	1.5 - 2.5 ml
Swine	2.5 - 10 ml
Piglets	1 - 2.5 ml
Dogs	0.5 - 5 ml
Cats	0.5 - 2.5 ml

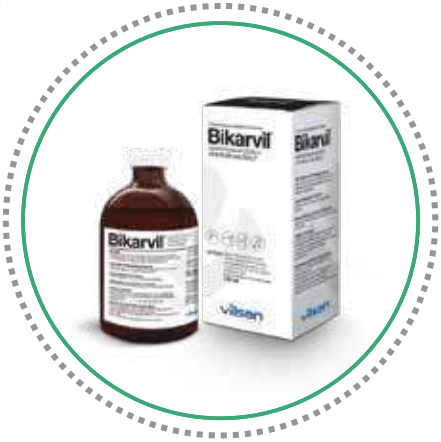
Note
Dose should be reduced by half in chronic diseases.

- **PRESENTATION:** It is presented in vials of 100 ml
- **WITHDRAWAL PERIODS :** The withdrawal time for meat and milk of the target species is “0” day.
- **TARGET SPECIES:** Cattle, Camel, Horse, Sheep, Goat, Swine, Cat, Dog

BIKARVIL

Solutions for Perfusion

Veterinary Electrolyte



DOSAGE
2 ml / kg bodyweight

WITHDRAWAL PERIODS
Cattle, Sheep, Goat : 0 day
Dairy Cow, Sheep, Goat : 0 day

- **COMPOSITION:** Each 1 ml contains 84 mg (1 mEq/ml) Sodium bicarbonate.
- **INDICATIONS:** BIKARVIL Solution for Perfusion is used in the treatment of metabolic acidosis in cattle, camels, sheep, goats, swine and dogs originating from many causes. It is particularly used in respiratory acidosis caused by carbon dioxide retention, metabolic acidosis caused by accumulation of acid metabolites due to metabolic disorders and in renal acidosis originating from deficient excretion of hydrogen ions from the kidneys.
- **USAGE AND DOSAGE:**

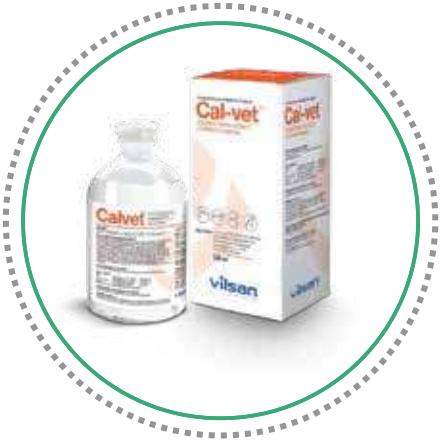
  Practical Dose
  For 4-8 hours period, up to level of acidosis, total CO_2 level, blood pH and clinic conditions of the animal, approximately 2 - 5 mEq / kg (or 2 - 5 ml / kg) bodyweight is administered. If the level of CO_2 is not known, an approximate dose of 2 ml / kg bodyweight is administered.
  It is slowly administered via intravenous route.

- **PRESENTATION:** It is presented in vials of 100 ml.
- **WITHDRAWAL PERIODS :** The withdrawal time for meat and milk of the target species is “0” day.
- **TARGET SPECIES:** Cattle, Camel, Horse, Sheep, Goat, Swine, Dog

CALVET

Solutions for Perfusion

Veterinary Minerals



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Cattle, Sheep, Goats : 0 day
Dairy Cow, Sheep, Goat : 0 day

- **COMPOSITION:** Each 100 ml contains 20 g Calcium gluconate, 4.5 g Calcium glucoheptonate, 0.5 g Calcium D-saccharate, 3.4 g Magnesium chloride, boric acid 4.1 gr.
- **INDICATIONS:** To be used in hypocalcemic paralysis, as prevention against calcium deficiency, puerperal fever, tetany events (lactation, hypomagnesemic, traveling and grass), rickets and osteomalacia, growth retardation/ interruption and decreased reproduction performance in young animals, allergies, disorders of neural origin, intoxications (chloroform, carbon tetrachloride, insecticide with organophosphorus, metal, dietary) and animal stings, in conditions requiring high levels of phosphorus and phosphate intake.
- **USAGE AND DOSAGE:** For intravenous, intramuscular, and subcutaneous administration.

Practical Dose Table

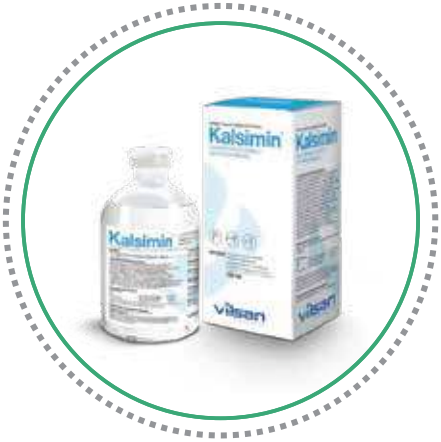
Animal Type	Bodyweight (kg)	Dose (ml)
Bovine	250 - 500	250 - 500
Horse	250 - 500	100 - 250
Sheep, Goat	25 - 50	50 - 150
Dog	3 - 25	3 - 25

- **PRESENTATION:** Presented in polypropylene bottles of 100 ml, 250 ml.
- **WITHDRAWAL PERIODS :** Drug residue elimination time (d.r.e.t) is '0' days for meat and milk.
- **TARGET SPECIES:** Cattle, Horse, Sheep, Goat, Dog

KALSIMIN

Solutions for Perfusion

Veterinary Electrolyte



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Cattle, Sheep, Goat : 0 day
Dairy Cow, Sheep, Goat : 0 day

- **COMPOSITION:** Each 100 ml contains 45 g Calcium gluconate, 2 g Calcium glucoheptonate, 2 g Calcium hypophosphite, 1 g Calcium D-saccharate, 3 g Magnesium chloride
- **INDICATIONS:** It is used in hypocalcemic paralysis events and as prevention treatment against calcium deficiencies in all domestic animals, particularly in the cattle, in delivery fever, lactation tetany, meadow tetany and hypomagnesemic tetany, other diseases defined as meadow tetanies, in rickets and osteomalacia, in retardation and cessation of growth in young animals, in decreased reproductive performance, allergies, intoxications, nervous system disorders (morbus maculosis, serum diseases, eclampsia, anaphylaxis, exanthemas, hemorrhagic diathesis, hematuria events and relieving allergic reactions); intoxications with metals such as mercury, lead, copper, tin and cadmium and with chloroform, carbon tetrachloride and organic phosphors insecticides, food poisoning and insect sting as well as other disorders requiring high uptake of phosphorus and phosphate.
- **USAGE AND DOSAGE:** For intravenous, intramuscular, and subcutaneous administration.

  Practical Dose Table

Animal Type	Bodyweight (kg)	Dosage (ml)
Cattle, Horse	200 - 500	80 - 100
Sheep, Goat	25 - 50	15 - 25

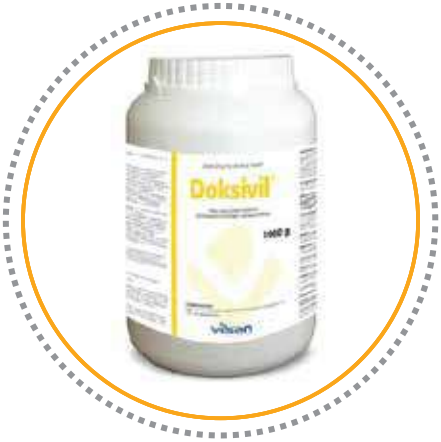
  Administered via intravenous, intramuscular and subcutaneous routes.
  It should be slowly infused for intravenous administration, and dose should be divided into 3-4 sequential doses in subcutaneous and intramuscular administrations.
- **PRESENTATION:** Presented in polypropylene bottles of 100 ml, 250 ml.
- **WITHDRAWAL PERIODS :** Drug residue elimination time (d.r.e.t) is '0' days for meat and milk.
- **TARGET SPECIES:** Cattle, Horse, Sheep, Goat


POULTRY
PRODUCTS

DOKSIVIL 20%

Oral Solution

Veterinary Antibacterial



DOSAGE

100 ml / 1000 kg bodyweight / day

WITHDRAWAL PERIODS

Chickens	: 4 days
Turkeys	: 6 days
Chickens, Turkeys Eggs	: It is not used

- **COMPOSITION:** Each ml contains Doxycycline hyclate equivalent to 200 mg Doxycycline base.
- **INDICATIONS:** In broiler and turkeys; Bacterial diarrhoea, Coliseptisemia, CRD complex, Airsacculitis, Salpingitis, Cholera, Coryza and Staphylococcus spp. infections.
- **USAGE AND DOSAGE:** Unless recommended otherwise by a veterinarian

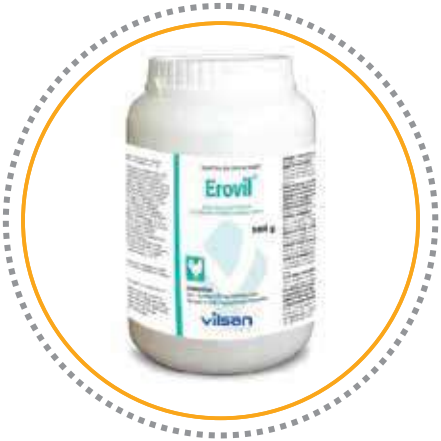
  Pharmacological Dose: In broiler and turkeys; 20 mg/kg b.w./day,

  Practical Dose: In broiler and turkeys:100 ml/1000 kg b.w./day. Treatment period is 5 days.
- **PRESENTATION:** Presented in 1, 2.5 and 5 L plastic bottles.
- **WITHDRAWAL PERIODS :** During treatment period and after administration of last dose, chickens should not be sent for slaughtering for 4 days, turkeys for 6 days. It should not be used in layers and turkeys whose eggs are consumed as human food.
- **TARGET SPECIES:** Broiler, Turkeys

EROVIL

Powder For Oral Solution

Veterinary Antibacterial



DOSAGE
60 g Erovil / 1000 kg bodyweight / day

WITHDRAWAL PERIODS
Chickens : 21 days
Chickens Eggs : 10 days

- **COMPOSITION:** Each 1 g contains 378.17 mg Erythromycin thiocyanate equivalent to 350 mg Erythromycin base.
- **INDICATIONS:** EROVIL Powder for Oral Solution is used in the treatment of chronic respiratory disease (CRD), infection of Ornithobacterium rhinotracheale, infectious synovitis (M.synoviae) and coryza infections in chicken.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered at a dose of 21 mg Erythromycin / kg bodyweight daily for chicken.
  Practical Dose: It is administered via oral route, through the drinking water of chickens at a dose of 60 g Erovil / 1000 kg bodyweight / day for chickens.

  Note
  Animals should be left thirsty for 2-3 hours before the drug is administered. Treatment is continued for 5 days in CRD and for 7 days in coryza infection. The water containing drug should be freshly prepared every day.

- **PRESENTATION:** It is presented in jars of 1000 g.
- **WITHDRAWAL PERIODS :** Chickens should not be sent to slaughter throughout the treatment and within 21 days following the last drug administration. Eggs of the treated chicken should not be offered for consumption by humans, until 10 day passes.
- **TARGET SPECIES:** Chicken

FAVETRIM

Oral Solutions

Veterinary Antibacterial

DOSAGE
4 - 8 ml Favetrim Oral Suspension/ 100 kg bodyweight

WITHDRAWAL PERIODS
Chickens, Turkeys : 10 days
Chickens, Turkeys Eggs : It is not used

- **COMPOSITION:** Each 1 ml contains 400 mg Sulfamethoxazole and 80 mg Trimethoprim.
- **INDICATIONS:** FAVETRIM Oral Suspension is used for the treatment of bacterial diarrhea, coli septicemia, air sack infections, salpingitis, cholera, coryza, and staphylococcal infections in chicken and turkey.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: Pharmacological dose is 20-40 mg/kg bodyweight/ day for chickens and turkeys.
  Practical Dose: Practical dose is 4 - 8 ml Favetrim Oral Suspension/ 100 kg bodyweight via oral route in chickens and turkeys.

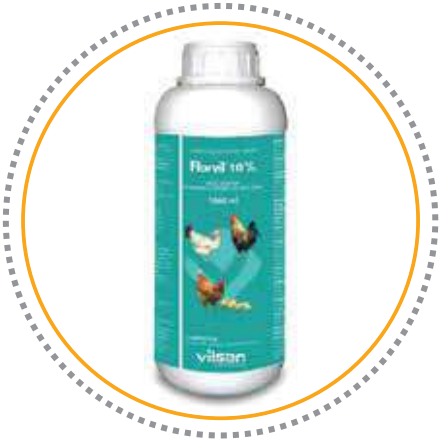
  Note
  It is recommended that animals are not provided water for 2-3 hours before the drug administration. The treatment should be continued for 5 - 7 days.

- **PRESENTATION:** It is presented in drums of 1L.
- **WITHDRAWAL PERIODS :** During treatment period and after administration of last dose; broilers and turkeys should not be sent for 10 days. Eggs of treated chickens and turkeys should not be offered for consumption by humans.
- **TARGET SPECIES:** Chicken, Turkey

FLORVIL 10%

Oral Solution

Veterinary Antibacterial



DOSAGE
20 mg / kg bodyweight / day for 5 days

WITHDRAWAL PERIODS
Chickens : 5 days
Chickens Eggs : It is not used

- **COMPOSITION:** Each 1 ml contains 100 mg florfenicol.
- **INDICATIONS:** FLORVIL 10 % Oral Solution is used for the treatment of respiratory diseases (E.coli respiratory disease, sacculitis or colisepticimia) caused by E.coli in broiler chickens.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is used by adding to the drinking water at a dose of 20 mg / kg bodyweight / day for 5 days in broiler chickens. Additionally, 200 ml of FLORVIL 10 % Oral Solution / 1000 kg bodyweight is used by adding to the drinking water, although this may change based on water consumption.

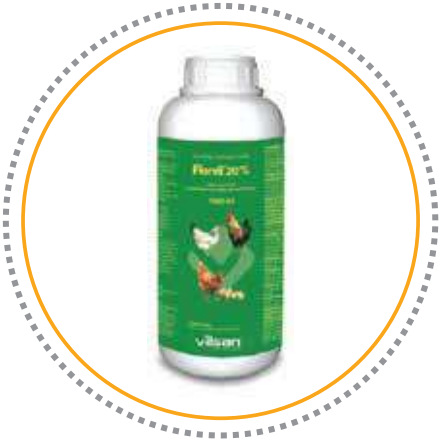
  Note
  During treatment, only water containing drug should be used as drinking water. Drinking water should be freshly prepared each day.

- **PRESENTATION:** It is presented in white polyethylene bottles of 100 ml, 250 ml, 500 ml and 1000 ml.
- **WITHDRAWAL PERIODS :** Chickens should not be sent to slaughter throughout the treatment period and within 5 days following the last drug administration. Eggs of treated chickens should not be offered for consumption by humans.
- **TARGET SPECIES:** Chicken

FLORVIL 20%

Oral Solution

Veterinary Antibacterial



DOSAGE
100 ml / 1000 kg bodyweight

WITHDRAWAL PERIODS
Chickens : 5 days
Chickens Eggs : It is not used

- **COMPOSITION:** Each 1 ml contains 200 mg florfenicol.
- **INDICATIONS:** FLORVIL 20 % Antibacterial Oral Solution is used for the treatment of respiratory diseases (E.coli respiratory disease, sacculitis or colicepticemia) caused by E.coli in broiler chickens.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered at a dose of 20 mg / kg bodyweight / day for 5 days by adding to drinking water of the broiler chickens.

  Practical Dose: It is administered at a dose of 100 ml / 1000 kg bodyweight by mixing with the drinking water, although this may change based on water consumption.

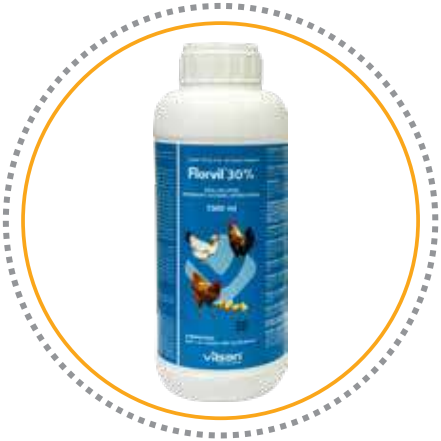
  Note
  During treatment, only drug-containing water should be used as drinking water. Drinking water should be freshly prepared each day of the treatment.

- **PRESENTATION:** It is presented in bottles of 500 ml and 1000 ml.
- **WITHDRAWAL PERIODS :** Chickens should not be sent to slaughter throughout the treatment period and within 5 days following the last drug administration. Eggs of treated chickens should not be offered for consumption by humans.
- **TARGET SPECIES:** Chicken

FLORVIL 30%

Oral Solution

Veterinary Antibacterial



DOSAGE
20 mg / kg bodyweight / day for 5 days

WITHDRAWAL PERIODS
Chickens : 5 days
Chickens Eggs : It is not used

- **COMPOSITION:** Each 1 ml contains 300 mg florfenicol.

- **INDICATIONS:** FLORVIL 30 % Oral Solution is indicated for the treatment of respiratory infections in broiler chickens caused by Escherichia coli such as colibacillosis, sacculitis, and colisepticemia. Florfenicol demonstrates a strong bactericidal effect especially against gram-negative bacteria, including strains resistant to other antibiotics, due to its unique chemical structure that resists enzymatic inactivation.

- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is used by adding to the drinking water at a dose of 20 mg / kg bodyweight / day for 5 days in broiler chickens.

  Administered orally via drinking water. The recommended dosage is:
  20 mg florfenicol per kg body weight per day
  Duration: 5 consecutive days
  Based on average water intake:
  100 ml per 1500 kg body weight or 200 ml per 3000 kg body weight

  Note
  During treatment, only water containing drug should be used as drinking water. Drinking water should be freshly prepared each day.

- **PRESENTATION:** Available in 200 ml, 500 ml, 1 L, and 5 L white polyethylene bottles.

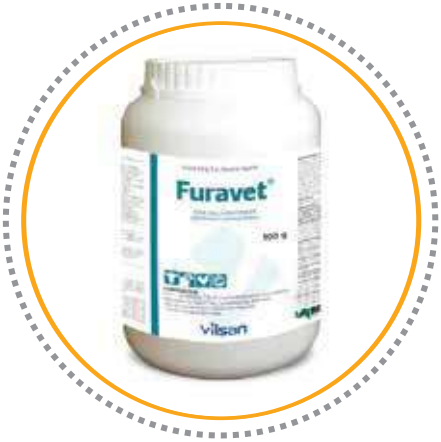
- **WITHDRAWAL PERIODS:** Chickens should not be sent to slaughter throughout the treatment period and within 5 days following the last drug administration. Eggs of treated chickens should not be offered for consumption by humans.

- **TARGET SPECIES:** Chicken

FURAVET

Powder for Oral Solution

Veterinary Antibacterial



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Chickens, Turkeys : 14 days
Chickens, Turkeys Egg : 14 days

- **COMPOSITION:** Each 1 g contains 176.35 mg Oxytetracycline hydrochloride equivalent to 163.41 mg Oxytetracycline base and 182.53 mg Neomycin sulfate equivalent to 123.45 mg Neomycin base.
- **INDICATIONS:** FURAVET Powder for Oral Solution is used for the treatment of infections, which are caused by the bacteria sensitive to neomycin and oxytetracycline. It is also used in the respiratory tract infections (CRD) and the digestive system infections including blue comb, Pullorum, chicken cholera, poultry typhoid, bacterial enteritis and infectious synovitis.
- **USAGE AND DOSAGE:**

Practical Dose:

Target Species	Practical Dose	Treatment Period
Chick	80 mg powder / kg bodyweight	3 days
Chicken, Turkey	165 mg powder / kg bodyweight	3 days

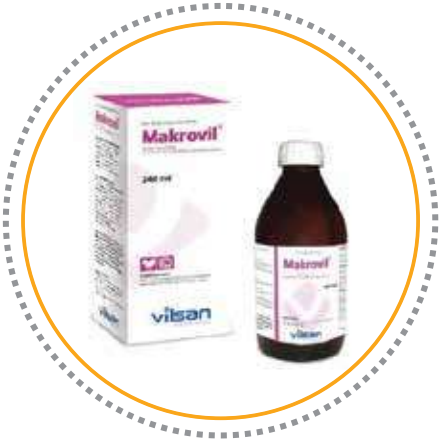
Note
Water that contains drug must be prepared on daily basis.

- **PRESENTATION:** It is presented in jars of 20 g, 1000 g and 5000 g.
- **WITHDRAWAL PERIODS :** Chickens kept for meat must not be sent to slaughter during the treatment and before 14 days after the last drug administration. Eggs obtained during the treatment and for 14 days after the last drug administration must not be presented for human consumption.
- **TARGET SPECIES:** Chicken, Turkey

MAKROVIL

Oral Solution

Veterinary Antibiotics



DOSAGE
60 ml solution / 200 L of drinking water

WITHDRAWAL PERIODS
Chickens, Turkeys : 10 - 14 days
Chickens, Turkeys Egg : It is not used

- **COMPOSITION:** Each 1 ml contains Tilmicosin phosphate, equivalent to 250 mg Tilmicosin base.
- **INDICATIONS:** MAKROVIL Oral Solution is used for the treatment of the respiratory system infections caused by *Mycoplasma gallisepticum, M. synoviae, Ornithobacterium rhinotracheale, Pasteurella multocida* and other sensitive microorganisms in chickens and turkeys.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered orally by mixing with the drinking water of chickens and turkeys. The daily dose is calculated as 15 - 20 mg / kg bodyweight and it should be included in the daily drinking water of chickens and turkeys.

  Practical Dose: It is administered at a dose of 60 ml solution / 200 L of drinking water.

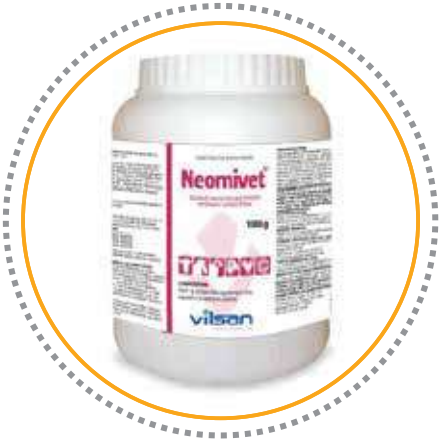
  Note
  The administration must be continued for 3 days. The treatment should be continued for 1 -2 days even after the symptoms disappear. The water with drug must be refreshed every day.

- **PRESENTATION:** It is presented in bottles of 240 ml, 480 ml and 960 ml.
- **WITHDRAWAL PERIODS :** Chickens and turkeys must not be sent to slaughter during the treatment and before 14 days and 10 days, respectively, after the last drug administration. It should not be administered to chickens and turkeys from which the eggs are obtained for human consumption.
- **TARGET SPECIES:** Chicken, Turkey

NEOMIVET

Oral Solution

Veterinary Antibacterial



DOSAGE
2 g / 100 kg bodyweight / day

WITHDRAWAL PERIODS
Chickens, Turkeys : 1 day
Chickens, Turkeys Egg : 1 day

- **COMPOSITION:** 1 g contains Neomycin sulphate equivalent to 500 mg Neomycin base.
- **INDICATIONS:** NEOMIVET Powder for Oral Solution is used for the treatment of bacterial enteritis caused by neomycin- sensitive bacteria in chicken and turkey.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered at a dose of 10 mg / kg bodyweight / day for chicken and turkey.

  Practical Dose:

Species	Therapeutic Dose
Chicken, Turkey	2 g / 100 kg bodyweight / day

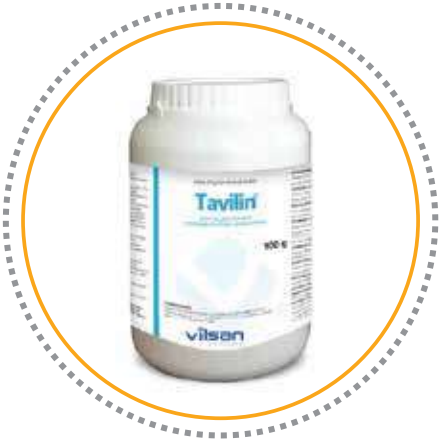
  Note
  It is orally administered by mixing with the drinking water of chickens and turkeys. The treatment should continue for 3-5 days.

- **PRESENTATION:** It is presented in jars of 1000 g.
- **WITHDRAWAL PERIODS :** Chickens and turkeys should not be sent to slaughter throughout the treatment or within 1 day following the last drug administration. Eggs obtained throughout the treatment and within 1 day following the last drug administration should not be offered for consumption by human.
- **TARGET SPECIES:** Chicken, Turkey

TAVILIN

Powder for Oral Solution

Veterinary Antibacterial



DOSAGE
5.5 g / 100 kg bodyweight

WITHDRAWAL PERIODS
Chickens, Turkeys : 2-5 days
Chickens, Turkeys Egg : 5 days

- **COMPOSITION:** It contains % 100 tylosin tartrate
- **INDICATIONS:** TAVILIN Powder for Oral Solution is a specific medicine used for the treatment and prevention of chronic respiratory tract diseases (CRD), *Mycoplasma gallisepticum* and *M. synovia* in chickens and for *M. maleagridis* which causes infectious sinusitis in turkeys. It also reduces the infection risk of *E.coli* and other secondary factors in the respiratory tract, by suppressing *Mycoplasma.*
- **USAGE AND DOSAGE:**

  Pharmacological Dose: Pharmacological dose is 50 mg / kg bodyweight for target species.

  Practical Dose: Practical dose is 5.5 g /100 kg bodyweight via drinking water. For the control of chronic respiratory disease, it is administered in the drinking water at a concentration of 0.5 g per litre for 5 days. As an aid in the control of outbreaks of necrotic enteritis caused by Clostridium perfringens in chickens use Tavilin in the drinking water for 5 days at a concentration of 0.15 g per litre water (150 ppm), to provide 20-50 mg/kg bw, depending on the age and the water consumption of the birds.

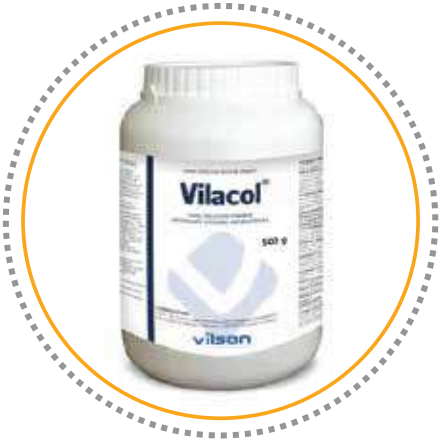
  Note
  The solution must be prepared in fresh water every day.

- **PRESENTATION:** It is presented in bottles of 20 g, jars of 100 g, 250 g and 500g and in buckets of 1 kg and 5 kg.
- **WITHDRAWAL PERIODS :** Chickens and turkeys must not be sent to slaughter during the treatment and before 1 days and 2 days, respectively, after the last drug administration. The eggs obtained during the treatment and for 0 days after the last drug administration must not be presented for human consumption.
- **TARGET SPECIES:** Chicken, Turkey

VILACOL

Oral Solution

Veterinary Antibacterial



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Chickens, Turkeys : 2-5 day
Chickens, Turkeys Egg : 5 day

- **COMPOSITION:** Each 1 g contains 640 mg Amoxicillin trihydrate equivalent to 557.6 mg Amoxicillin base and 130.6 mg (3 200 000 IU) Colistin sulphate.

- **INDICATIONS:** VILACOL Powder for Oral Solution is used for the treatment of gastrointestinal and respiratory system infections caused by amoxicillin and colistin sensitive bacteria in chicken. It is also particularly used in colibacillosis and salmonellosis of chicken which are fed for meat. Additionally, it is used for the treatment of pasteurellosis, infectious coryza, mixed infections involving clostridial, *Streptococcal* and *Staphylococcal* infections, campylobacteriosis, *Shigella sp., Klebsiella sp., Proteus sp., Pseudomonas aeruginosa, Fussiformis sp., Corynebacterium* agents and particularly for gastrointestinal infections.

- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered at a dose of 25 mg / kg / bodyweight / day and it should be added to daily consumed water of chickens.

  Practical Dose:

Average Bodyweight	Total Bodyweight (For 1000 chicken)	Daily Dose of Vilaco (For 1000 chicken)
50 g	50 g	1.25 g
300 g	300 g	7.5 g
500 g	500 g	12.5 g
1000 g	1000 g	25 g
2000 g	2000 g	50 g

  Note
  The solution must be prepared in fresh water every day. The treatment should be continued for 3-5 days.

- **PRESENTATION:** It is presented in jars of 250 g, 500 g and 1000 g.

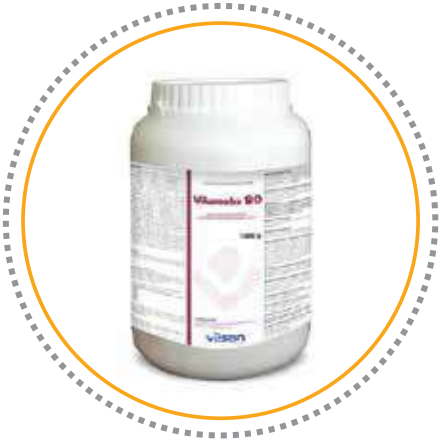
- **WITHDRAWAL PERIODS :** Chickens should not be sent to slaughter throughout the treatment and within 7 days following the last drug administration. Eggs of treated chicken should not be offered for consumption by humans.

- **TARGET SPECIES:** Chicken

VILAMOKS 80

Oral Solution

Veterinary Antibacterial



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Chickens, Turkeys : 7 days
Chickens, Turkeys Egg : It is not used

- **COMPOSITION:** Each 1 g contains 800 mg Amoxicillin trihydrate.
- **INDICATIONS:** VILAMOKS 80 Powder for Oral Solution is used for the treatment of respiratory and digestion system infections caused by the amoxicillin-sensitive bacteria in chicken and turkey. It is also used for the treatment of colibacillosis, pullorum disease, typhoid, paratyphoid, infectious coryza, listeriosis and for the secondary bacterial infections of the viral diseases in chickens and turkeys.
- **USAGE AND DOSAGE:**

Pharmacological Dose: It is administered at a dose of 20 mg amoxicillin / kg bodyweight / day by mixing with the drinking water of chickens and turkeys.

Practical Dose: Vilamoks 80 Powder for Oral Solution amount calculated daily, each 100 g drugs coincide with 600 ml of water added until a homogenous suspension is obtained and then transferred to the main water tank.

Bodyweight	Amount of Vilamoks 80 Oral Powder Solution needed for 10 000 Broilers
250 g	62.5 g
500 g	125 g
1000 g	250 g
1500 g	375 g
2000 g	500 g

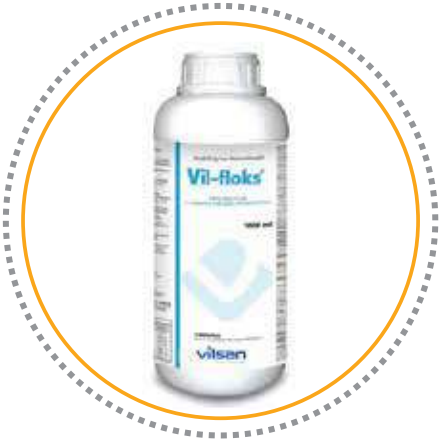
Note
The treatment should be continued for 3 – 5 days. Daily dosage should be administered in the drinking water consumed in a day. The water with the drug should be changed after 12 hours. To increase the effect of the drug, chickens and turkeys should be dehydrated.

- **PRESENTATION:** It is presented in bottles of 100 g and jars of 1000 g and 2500 g
- **WITHDRAWAL PERIODS :** Chickens and turkeys should not be sent to slaughter throughout the treatment and for 7 days after the last drug administration. Eggs of the treated chickens and turkeys should not be presented for consumption by humans.
- **TARGET SPECIES:** Chicken, Turkey

VIL-FLOKS

Oral Solution

Veterinary Antibacterial



DOSAGE
1 ml / 10 kg bodyweight / day

WITHDRAWAL PERIODS
Chickens, Turkeys : 12-14 day
Chickens, Turkeys Egg : It is not used

- **COMPOSITION:** Each 1 ml contains 100 mg Enrofloxacin base.
- **INDICATIONS:** VILFLOKS Oral Solution is used in chickens and turkeys for the treatment of the respiratory and digestive system diseases like pleuropneumonia, gastroenteritis, septicemia, colibacillosis and also for the treatment of other soft tissue diseases caused by the enrofloxacin-sensitive gram-negative and gram-positive bacteria and mycoplasmas and additionally for the enrofloxacin-sensitive bacterial complications of the viral diseases.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered at a dose of 10 mg / kg bodyweight / day for chickens and turkeys.

  Practical Dose: It is administered orally with the drinking water of chickens and turkeys at a dose of 1 ml / 10 kg bodyweight / day.

  Although it varies according to the daily water consumption in poultry, 100 ml Vil-floks Oral Solution is added to 200 L of drinking water for each 1000 kg bodyweight.

Age	Average Bodyweight	Total Bodyweight (1000 unit for poultry)	VIL-FLOKS (1000 unit for poultry)
1 day	50 g	50 kg	5 ml
1 week	200 g	200 kg	20 ml
2 weeks	400 g	400 kg	40 ml
3 weeks	750 g	750 kg	75 ml
4 weeks	1200g	1200 kg	120 ml
5 weeks	1650g	1650 kg	165 ml
6 weeks	2000 g	2000 kg	200 ml

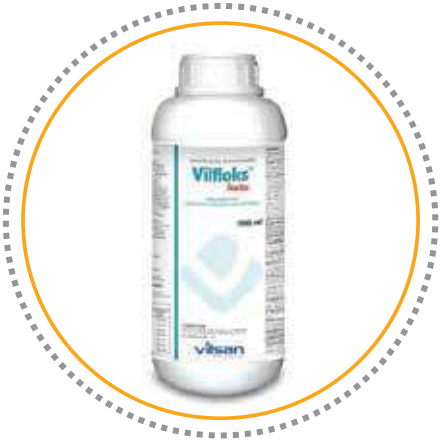
Note
The treatment is continued for 3-5 days. Pump is optional.

- **PRESENTATION:** It is presented in bottles of 100 g and jars of 1000 g and 2500 g
- **WITHDRAWAL PERIODS :** Chickens and turkeys must not be sent to slaughter during the treatment and before 12 days and 14 days, respectively, after the last drug administration. It should not be administered to chickens and turkeys from which eggs are obtained for human consumption.
- **TARGET SPECIES:** Chicken, Turkey

VILFLOKS FORTE

Oral Solution

Veterinary Antibacterial



DOSAGE
1 ml / 20 kg bodyweight

WITHDRAWAL PERIODS
Chickens, Turkeys : 12 days
Chickens, Turkeys Egg : It is not used

- **COMPOSITION:** Each 1 ml contains 200 mg Enrofloxacin base.
- **INDICATIONS:** VILFLOKS FORTE Oral Solution is used in chickens and turkeys for the treatment of the respiratory and digestive system diseases like pleuropneumonia, gastroenteritis, septicemia, colibacillosis and for the treatment of other soft tissue diseases caused by the enrofloxacin- sensitive gram-negative and gram-positive bacteria and mycoplasmas and additionally for the enrofloxacin- sensitive bacterial complications of the viral diseases.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered at a dose of 10 mg / kg / bodyweight / day for chickens and turkeys.

  Practical Dose: It is administered orally with the drinking water of chickens and turkeys at a dose of 1 ml / 20 kg bodyweight.

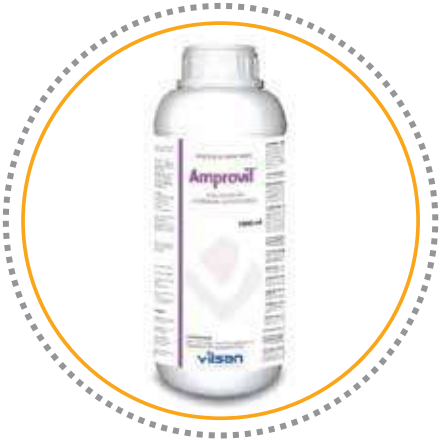
Age	Average Bodyweight	Total Bodyweight (1000 unit for poultry)	VIL-FLOKS (1000 unit for poultry)
1 day	50 g	50 kg	2.5 ml
1 week	200 g	200 kg	10 ml
2 weeks	400 g	400 kg	20 ml
3 weeks	750 g	750 kg	40 ml
4 weeks	1200g	1200 kg	60 ml
5 weeks	1650g	1650 kg	80 ml
6 weeks	2000 g	2000 kg	100 ml

- **PRESENTATION:** It is presented in jars of 1000 ml and 3000 ml.
- **WITHDRAWAL PERIODS :** Chickens and turkeys must not be sent to slaughter during the treatment and before 12 days and 14 days, respectively, after the last drug administration. It should not be administered to chickens and turkeys from which eggs are obtained for human consumption.
- **TARGET SPECIES:** Chicken, Turkey

AMPROVIL

Oral Solution

Veterinary Anticoccidial



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Chickens, Turkeys : 0 day
Chickens, Turkeys Egg : 0 day

- **COMPOSITION:** Each 1 ml contains 226.19 mg Amprolium hydrochloride equivalent to 200 mg Amprolium base.

- **INDICATIONS:** AMPROVIL Oral Solution is used for the treatment and protection of intestinal, colon and caecal coccidiosis cases arising from Eimeria tenella and E. necatrix, E. acervulina, E. maxima, E. brunetti in chickens and E.adenoides, E.meleagridis, E.dispersa in turkeys.

- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered at a dose of 40 mg / kg bodyweight in chickens and turkeys.

  Practical Dose: For treatment of coccidiosis in chickens and turkeys, 60 ml Amprovil Oral Solution is added to 50 L of drinking water. Administration of this dose is continued throughout the first 7 days. Later, this dose is reduced to half of the original dose and then the treatment is continued for further 7 days.

  For Protective Treatment: It is administered at a dose of 60 mg amprolium / 1 L of drinking water.

  Note
  Practical dose is recommended to have 300 ml Amprovil Oral Solution for 1 ton of drinking water. Throughout protection period, animals should be supplied only with water containing drug.

- **PRESENTATION:** It is presented in jars of 1 L.

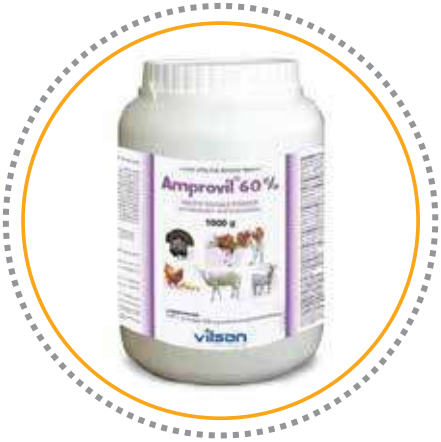
- **WITHDRAWAL PERIODS :** Drug residue elimination time for meat and eggs is (0) days.

- **TARGET SPECIES:** Chicken, Turkey

AMPROVIL 60%

Oral Solution

Veterinary Anticoccidial



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Chickens, Turkeys : 3 days
Chickens, Turkeys Egg : 3 days

- **COMPOSITION:** Each 1 g contains 600 mg Amprolium hydrochloride.
- **INDICATIONS:** AMPROVIL 60 % Powder for Oral Solution is used for the treatment of and protection from intestinal, colon and caecal cocidiosis cases arising from E. necatrix, E. acervulina, E. maxima, E. brunetti in chicken and E.adenoides, E.melearidis, E.dispersa in turkey.
- **USAGE AND DOSAGE:** It is administered via oral route by mixing with the drinking water of chickens and turkeys.

  For Chicken and Turkey:
  Protective Dose:
  1 kg of Amprovil 60 % is added to 10 000 L of drinking water and it is used for 1-2 weeks.

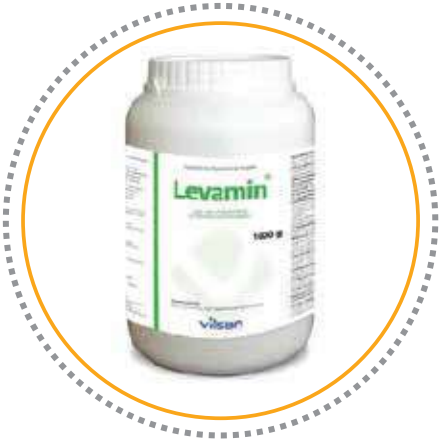
  Practical Dose: For treatment of coccidiosis in chickens and turkeys, 60 ml Amprovil Oral Solution is added to 50 L of drinking water. Administration of this dose is continued throughout the first 7 days. Later, this dose is reduced to half of the original dose and then the treatment is continued for further 7 days.

  Treatment Dose: 1 kg of Amprovil 60 % is added to 2 500 – 5 000 L of drinking water and it is used for 5-7 weeks.
- **PRESENTATION:** It is presented in bottles of 100 g, 500 g, 1000 g and 5000 g.
- **WITHDRAWAL PERIODS :** Drug residue elimination time for meat and eggs of chickens and turkeys is “3” days.
- **TARGET SPECIES:** Chicken, Turkey

LEVAMIN

Oral Solution

Veterinary Anthelmintic



DOSAGE
1 g / 5 kg bodyweight

WITHDRAWAL PERIODS
Chickens, Turkeys : 7 day
Chickens, Turkeys Egg : It is not used

- **COMPOSITION:** Each 1 g contains 150 mg Levamisole hydrochloride
- **INDICATIONS:** LEVAMIN Powder for Oral Solution is a wide- spectrum preparation with anthelminthic effect. It is used for the treatment and control of endo-parasites in chickens and turkeys including Heterakis galinarum, Syngamus trachea, Oxyspirura mansoni, Capilaria spp., Amidostomum spp. and Ascaridia spp.
- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is orally administered at a dose of 18 - 36 mg / kg bodyweight for chickens and turkeys.

  Practical Dose: Although it varies according to the daily water consumption in poultry, 1,33 kg should be added to 2000 L drinking water.

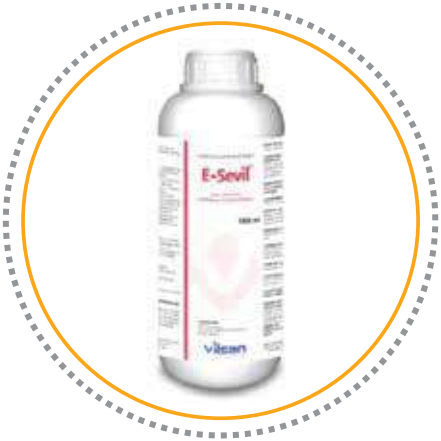
Target Species	Therapeutic Dose
Chicken, Turkey	1g / 5kg bodyweight

- **PRESENTATION:** It is presented in bottles of 20g and in jars of 500 g and 1000 g.
- **WITHDRAWAL PERIODS :** Chickens and turkeys should not be sent to slaughter throughout the treatment and within 7 days following the last drug administration. It should not be used in chickens and turkeys which are fed for eggs to provide for human consumption.
- **TARGET SPECIES:** Chicken, Turkey

E-SEVIL

Oral Emulsion

Veterinary Vitamin & Mineral



DOSAGE
1 ml per 8-10 L drinking water

WITHDRAWAL PERIODS
Chickens, Turkeys : 0 day
Chickens, Turkeys Egg : 0 day

- **COMPOSITION:** Each 1 ml contains 1 mg Sodium selenite, 60 mg Vitamin E and 40 mg Vitamin B1.
- **INDICATIONS:** E - SEVIL Oral Emulsion is used for the protection and treatment of encephalomalacia, muscular dystrophy and exudative diathesis, as well as to reduce the infertility rate caused by the deficiency or absence of the active ingredient in feeding formulation.
- **USAGE AND DOSAGE:** It should be applied orally based on the calculation of 2 ml per 5 L drinking water. If necessary, the dose can be repeated in one week. Shake well before use.
- **PRESENTATION:** It is presented in bottles of 100 and 1000 ml.
- **WITHDRAWAL PERIODS :** It is "0" day for meat of chickens and turkeys.
- **TARGET SPECIES:** Chicken, Turkey

AQUA PRODUCTS

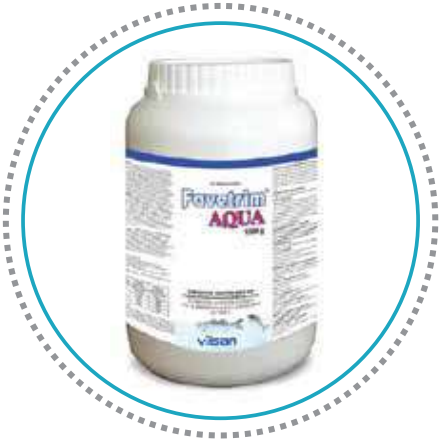
FAVETRIM AQUA

Drug Premix / Oral Powder

Antibiotic

DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Fish : 550˚C / day



- **COMPOSITION:** Each 1 g contains 416.7 mg Sulphadiazine and 83.3 mg Trimethoprim.

- **INDICATIONS:** FAVETRIM AQUA Drug Premix / Oral Powder is effective against many gram-positive and gram-negative bacteria that cause the diseases in fresh water and salt water fish species (gilthead seabream, sea bass, coral). It is used with success, especially in trout, for diseases such as bacterial hemorrhagic septicemia *(Aeromonas hydrophila, Pseudomonas sp.)*, columnaris disease *(Flexibacter columnaris)*, red mouth disease *(Yersinia ruckerii)*, streptococcal diseases (β-hemolytic and nonhemolytic *Streptococcus sp.*), cold water vibriosis (*Vibrio anguillarum*), cold water disease, rainbow trout fry syndrome caused by Cytophaga psycrophila, Pseudomonas septicemia (winter disease) and ulcer disease (*Haemeophylus piscium*).

- **USAGE AND DOSAGE:**

  Pharmacological Dose: It is administered at a dose of 60 mg / kg bodyweight by mixing with the fish feed.

  Practical Dose: It is administered as oral powder mixed with fish food at the dose of 0.1 g/kg bodyweight. Treatment should continue for 7-10 days or until the signs of the disease are no longer apparent (maximum administration time must be 10 days). The following inclusion rates will provide the recommended doses.

Daily Feed Rates as % of Bodyweight	FAVETRIM AQUA Inclusion Rate / Ton of Feed	Trimethoprim Content / Ton of Feed	Sulphadiazine Content / Ton of Feed
0,5%	12 kg	1000 g	5000 g
1%	6 kg	500 g	2500 g
2%	3 kg	250 g	1250 g

- **PRESENTATION:** It is presented in cans of 1000 g and 5000 g.

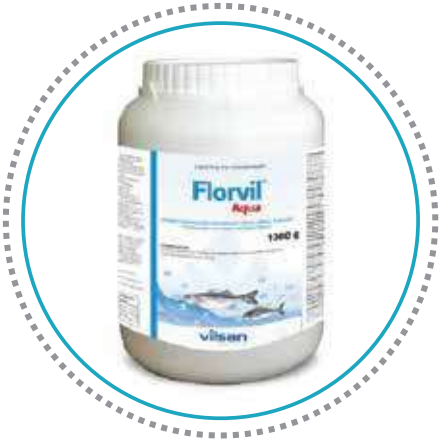
- **WITHDRAWAL PERIODS :** Drug residue elimination time may vary in fish depending on the temperature of the water. Fishes should be harvested considering the time and then, they should be offered to consumption. The higher water temperature, the faster drug is eliminated from the body. Fishes should not be offered to consumption by humans throughout treatment period and until daily water temperature reaches 550˚C following administration of last dose. (Drug residue elimination time is 550˚C / day for fish meat).

- **TARGET SPECIES:** Fish

FLORVIL AQUA

Drug Premix / Oral Powder

Antibiotic



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Fish : 500˚C / day

- **COMPOSITION:** Each 1 g contains 500 mg Florphenicol.

- **INDICATIONS:** FLORVIL AQUA Drug Premix / Oral Powder is effective against many gram-positive and gram-negative bacteria that cause diseases especially in fresh water fishes (trout, salmon, carp) and sea water fishes (sea bream, sea bass, trout). It is used for the treatment of bacterial infections, such as furunculosis (Aeromonas salmonicida), vibriosis (Vibrio anguillarum), yersiniosis (Yersinia ruckerii), bacterial hemorrhagic septicemia (Aeromonas hydrophila, Pseudomonas sp.), columnaris disease (Flexibacter columnaris), streptococcal infections (β hemolytic and non-hemolytic Streptococcus sp.), cold water vibriosis (Vibrio salmonicida), cold water disease (Cytophaga psycrophila), winter disease (Pseudomonas anguiliseptica), edwardsiellosis (Edwersiella ictaluri, Edweersiella tarda), pasteurellosis (Photobacterium damsela subsp. piscidia) and marine flexibacteriosis (Tenacibaculum maritimum) in cultured fishes.

- **USAGE AND DOSAGE:** It is orally administered by mixing product with fish food.

  Pharmacological Dose: It is administered at a dose of 10 mg / kg bodyweight by mixing with fish food.

  Practical Dose: Practical dose is 0.02 g / kg bodyweight for fish. Treatment should continue for 10 days.

Ratio of Fish Food (Acc. to Bodyweight)	Amount of FLORVIL AQUA Added to 1 Ton of Fish Food	Amount of FLORVIL AQUA for 10 days treatment
0,5%	4 kg	20 kg
1%	2 kg	10 kg
2%	1 kg	5 kg
3%	0,66 kg	3,33 kg
5%	0,4 kg	2 kg

- **PRESENTATION:** It is presented in cans of 1000 g and 5000 g.

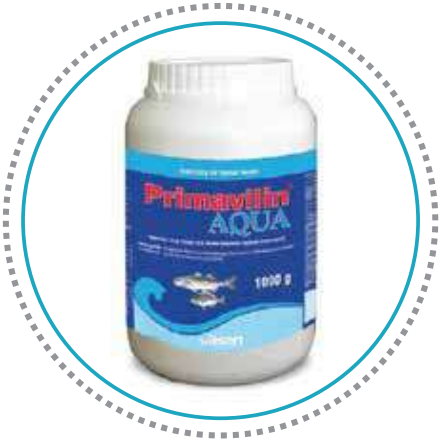
- **WITHDRAWAL PERIODS :** Drug residue elimination time may vary in fish depending on the temperature of the water. Fishes should be harvested considering the time and then, they should be offered for consumption. The higher water temperature, the faster drug is eliminated from the body. Fishes should not be offered for consumption by humans throughout the treatment period and until daily water temperature reaches 500˚C following administration of last dose. (Drug residue elimination time is 500˚C/day for fish meat)

- **TARGET SPECIES:** Fish

PRIMAVILIN AQUA

Drug Premix / Oral Powder

Antibiotic



DOSAGE
Detailed information is in the prospectus.

WITHDRAWAL PERIODS
Fish : 550˚C / day

- **COMPOSITION:** Each 1 g contains 755 mg Oxytetracycline hydrochloride
- **INDICATIONS:** PRIMAVILIN AQUA Drug Premix / Oral Powder is effective against many gram-positive and gram-negative bacteria that cause diseases in fresh water and saltwater fish species (gilthead seabream, sea bass, coral). It is used with success especially in trout for the diseases such as bacterial hemorrhagic septicemia *(Aeromonas hydrophila, Pseudomonas sp.)*, columnaris disease *(Flexibacter columnaris)*, red mouth disease *(Yersinia ruckerii)*, streptococcal diseases (B-hemolytic and non-hemolytic *Streptococcus sp.*), cold water vibriosis *(Vibrio anguillarum)*, cold water disease, rainbow trout fry syndrome caused by Cytophaga psycrophila, Pseudomonas septicemia (winter disease) and ulcer disease (Haemeophylus piscium).
- **USAGE AND DOSAGE:**
  Pharmacological Dose: It is administered at a dose of 75 mg / kg bodyweight by mixing with fish feed.
  Practical Dose: It is administered at a dose of 0.1 g / kg bodyweight for fish.

INFECTIONS	General Infections	Rainbow Trout Fry Syndrome
Amount of active agent/ kg of fish	75 mg / kg bodyweight	200 mg / kg bodyweight
Amount of powder / kg of fish	0.1 g / kg bodyweight	0.27 g / kg bodyweight
Amount of PRIMIAVILIN AQUA for feed for 1 % of bodyweight / kg of feed	10 g	27 g
Proportion of Fish Feed (with respect of body weight)	**Amount of PRIMAVILIN AQUA to be added to 1 Ton of Feed**	**Amount of PRIMAVILIN AQUA to be added for each 1 Ton of Feed**
1%	10 kg	7.55 kg
2%	5 kg	3.77 kg
3%	3.3 kg	2.52 kg
5%	2 kg	1.51 kg
10%	1 kg	0.755 kg

Note: It is administered for 7 days.

- **PRESENTATION:** It is presented in cans of 1000 g and 5000 g.
- **WITHDRAWAL PERIODS :** Fishes must not be harvested for human consumption during the treatment and until the total of daily water temperatures reach 500˚C after the last drug administration. (Drug residue elimination time is 500˚C / day for fish meat)
- **TARGET SPECIES:** Fish

vilsan
pharmaceuticals

Balıkhisar Mah. Köyiçi Kümeevleri
No:765A 67650 Akyurt
ANKARA / TÜRKİYE
Tel.: +90 (312) 840 53 00

vilsan pharmaceuticals

by hasvet pharma