

**ANNEX III**  
**LABELLING AND PACKAGE LEAFLET**

## **A. LABELLING**

**PARTICULARS TO APPEAR ON THE OUTER PACKAGE**

**Carton box 40 x 25 g**

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

Parofor 70 000 IU/g powder for use in drinking water, milk or milk replacer for pre-ruminant cattle and pigs.  
Paromomycin (as sulfate).

**2. STATEMENT OF ACTIVE SUBSTANCES**

Per gram:

70 000 IU of paromomycin activity (as paromomycin sulfate)

**3. PHARMACEUTICAL FORM**

Powder for use in drinking water, milk or milk replacer.

**4. PACKAGE SIZE**

40 x 25 g

**5. TARGET SPECIES**

Cattle (pre-ruminant calves), pig.

**6. INDICATION(S)**

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

Oral use  
Read the package leaflet before use.

**8. WITHDRAWAL PERIOD**

Pre-ruminant cattle  
Meat and offal: 20 days  
Pig  
Meat and offal: 3 days

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

Read the package leaflet before use

**10. EXPIRY DATE**

EXP

Shelf life after first opening: 6 months. Once opened use by....

Medicated drinking water should be refreshed or replaced every 24 hours

Shelf life after reconstitution in milk/milk replacer: 6 hours

**11. SPECIAL STORAGE CONDITIONS**

Store below 25°C.

Keep the sachet tightly closed.

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

Disposal: read the package leaflet.

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

For animal treatment only. To be supplied only on veterinary prescription.

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

Keep out of the sight and reach of children.

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

Huvepharma NV  
Uitbreidingstraat 80  
2600 Antwerpen  
Belgium

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

Vm 30282/4020

**17. MANUFACTURER’S BATCH NUMBER**

Lot:

**PARTICULARS TO APPEAR ON THE IMMEDIATE PACKAGE**

**Sachet of 1000 g - 500 g - 250 g – 25 g**

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

Paroform 70 000 IU/g powder for use in drinking water, milk or milk replacer for pre-ruminant cattle and pigs.  
Paromomycin (as sulfate).

**2. STATEMENT OF ACTIVE SUBSTANCES**

Per gram:

70 000 IU of paromomycin activity (as paromomycin sulfate)

**3. PHARMACEUTICAL FORM**

Powder for use in drinking water, milk or milk replacer.

**4. PACKAGE SIZE**

1000 g  
500 g  
250 g  
25 g

**5. TARGET SPECIES**

Cattle (pre-ruminant calves), pig.

**6. INDICATION(S)**

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

Oral use  
Read the package leaflet before use.

**8. WITHDRAWAL PERIOD**

Pre-ruminant cattle  
Meat and offal: 20 days  
Pig  
Meat and offal: 3 days

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

Read the package leaflet before use

**10. EXPIRY DATE**

EXP

Shelf life after first opening: 6 months. Once opened use by....

Medicated drinking water should be refreshed or replaced every 24 hours

Shelf life after reconstitution in milk/milk replacer: 6 hours

**11. SPECIAL STORAGE CONDITIONS**

Store below 25°C.

Keep the sachet tightly closed.

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

Disposal: read the package leaflet.

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

For animal treatment only. To be supplied only on veterinary prescription.

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

Keep out of the sight and reach of children.

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

Huvepharma NV  
Uitbreidingstraat 80  
2600 Antwerpen  
Belgium

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

Vm 30282/4020

**17. MANUFACTURER’S BATCH NUMBER**

Lot:

**B. PACKAGE LEAFLET**

## PACKAGE LEAFLET

Parofor 70 000 IU/g powder for use in drinking water, milk or milk replacer  
for pre-ruminant cattle and pigs.

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

Marketing authorisation holder:

Huvepharma NV  
Uitbreidingstraat 80  
2600 Antwerpen  
Belgium

Manufacturer responsible for batch release:

Biovet JSC  
39 Petar Rakov Str  
4550 Peshtera  
Bulgaria

### 2. NAME OF THE VETERINARY MEDICINAL PRODUCT

Parofor 70 000 IU/g powder for use in drinking water, milk or milk replacer for pre-ruminant cattle and pigs.  
Paromomycin (as sulfate)

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

Per gram:

70 000 IU of paromomycin activity (as paromomycin sulfate)

Excipients:

Silica, colloidal anhydrous  
Glucose monohydrate

A white to almost white powder.

### 4. INDICATION(S)

Treatment of gastro-intestinal infections caused by *Escherichia coli* susceptible to paromomycin



## 5. CONTRAINDICATIONS

Do not use in cases of hypersensitivity to paromomycin, other aminoglycosides or any of the excipients.

Do not use in cases with impaired function of the kidneys or liver.

Do not use in ruminating animals.

Do not use in turkeys due to the risk of selection for antimicrobial resistance in intestinal bacteria.

## 6. ADVERSE REACTIONS

On rare occasions soft faeces has been observed.

Aminoglycoside antibiotics such as paromomycin can cause oto- and nephrotoxicity.

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

- very common (more than 1 in 10 animals treated displaying adverse reaction(s))
- common (more than 1 but less than 10 animals in 100 animals treated)
- uncommon (more than 1 but less than 10 animals in 1,000 animals treated)
- rare (more than 1 but less than 10 animals in 10,000 animals treated)
- very rare (less than 1 animal in 10,000 animals treated, including isolated reports).

If you notice any serious effects or other effects not mentioned in this package leaflet, please inform your veterinary surgeon. Alternatively you can report via your national reporting system {national system details}

## 7. TARGET SPECIES

Cattle (pre-ruminant calves), pig.

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

Oral use

Pre-ruminant cattle: administration in milk/milk replacer

Pigs: administration in drinking water.

Duration of treatment: 3-5 days

Pre-ruminant cattle: 17500 – 35000 IU per kg BW/day (equivalent to 2.5-5 g of product/10 kg BW/day)

Pigs: 17500 – 28000 IU per kg BW/day (equivalent to 2.5-4 g of product/10 kg BW/day)

For the administration through the drinking water milk or milk replacer, the exact daily amount of product should be calculated, based on the recommended dose, and the number and weight of the animals to be treated, according to the following formula:

$$\frac{\text{mg product / kg body weight / day}}{\text{Mean daily water/milk/milk replacer consumption (litre) per animal}} \times \text{Mean body weight (kg) of animals to be treated} = \dots \text{ mg product per litre drinking water /milk/milk replacer}$$

To ensure a correct dosage body weight should be determined as accurately as possible.

The uptake of medicated water/milk /milk replacer depends on several factors including clinical conditions of the animals and the local conditions such as ambient temperature and humidity. In order to obtain the correct dosage, drinking water/milk/milk replacer uptake has to be monitored and the concentration of paromomycin has to be adjusted accordingly.

## **9. ADVICE ON CORRECT ADMINISTRATION**

Medicated drinking water/milk/milk replacer and any stock solutions should be freshly prepared. Any remaining quantities of medicated fluids should be removed after 6 hours (in milk/milk replacer) or 24 hours (in water).

To assure administration of the exact daily amount of product suitably calibrated weighing equipment should be used. For the administration of the product commercially available dosing pumps can be used. The solubility of the product has been tested at the maximum concentration of 95 g/L.

## **10. WITHDRAWAL PERIOD**

Pre-ruminant cattle

Meat and offal: 20 days

Pig

Meat and offal: 3 days

## **11. SPECIAL STORAGE PRECAUTIONS**

Keep out of the sight and reach of children.

Store below 25°C.

Keep the sachet tightly closed.

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

Shelf life after first opening of the immediate packaging: 6 months

Shelf life after reconstitution in drinking water: 24 hours

Shelf life after reconstitution in milk/milk replacer: 6 hours

## **12. SPECIAL WARNING(S)**

### **Special precautions for use in animals**

The uptake of medication by animals can be altered as a consequence of illness. In case of insufficient uptake of water/milk animals should be treated parenterally using a suitable injectable product following the advice of the veterinarian.

The use of the product should be combined with good management practices e.g. good hygiene, proper ventilation, no overstocking.

Since the product is potentially ototoxic and nephrotoxic, it is recommended to assess kidney function.

Special care should be taken when considering administration of the product to newborn animals due to the known higher gastrointestinal absorption of paromomycin in neonates. This higher absorption could lead to an increased risk of oto- and nephrotoxicity. The use of the product in neonates should be based on benefit-risk assessment by the responsible veterinarian.

Prolonged or repeated use of the product should be avoided by improving management practices and through cleansing and disinfection.

Use of the product should be based on susceptibility testing of the bacteria isolated from the animal. If this is not possible, therapy should be based on local (regional, farm level) epidemiological information about susceptibility of the target bacteria. Official, national and regional antimicrobial policies should be taken into account when the product is used.

Use of the product deviating from the instructions given in the SPC may increase the prevalence of bacteria resistant to paromomycin and may decrease the effectiveness of treatment with aminoglycosides due to the potential for cross-resistance. Paromomycin selects for resistance and cross-resistances at high frequency against a variety of other aminoglycosides among intestinal bacteria.

Aminoglycosides are considered as critical in human medicine. Consequently, they should not be used as a first line treatment in veterinary medicine.

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

This product contains paromomycin, which can cause allergic reactions in some people. Anyone with known hypersensitivity (allergy) to aminoglycosides should avoid contact with the veterinary medicinal product. If you develop symptoms following exposure, such as skin rash, you should seek medical advice and show the physician this warning. Swelling of the face, lips and eyes or difficulty in breathing are more serious symptoms and require urgent medical attention.

Personal protective equipment consisting of protective clothing and impervious gloves should be worn when handling the veterinary medicinal product.

Do not eat, drink and smoke when handling the product. Wash hands after use. In case of accidental ingestion, seek medical advice immediately and show the package leaflet or label to the physician

When handling this product, inhalation of the dust must be avoided by wearing a disposable half-mask respirator conforming to European Standard EN 149 or a non-disposable respirator to European Standard EN 140 with a filter to EN 143.

Use in a well-ventilated area. Avoid inhaling the powder while preparing the medicated water or

milk replacer. Avoid contact with the skin and eyes. In the event of accidental contact with the skin or eyes, rinse with plenty of water and seek medical attention if irritation persists.

### **Pregnancy**

Laboratory studies in rat and rabbit have not produced any evidence of teratogenic, foetotoxic or maternotoxic effects. The use is not recommended during the pregnancy.

### **Interaction with other medicinal products and other forms of interaction**

General anaesthetics and muscle relaxants increase the neuro-blocking effect of aminoglycosides, which can lead to acute paralysis and apnoea. Do not use concurrently with loop diuretics and potentially oto- or nephrotoxic substances.

### **Overdose**

Paromomycin when administered orally is hardly resorbed. Harmful effects due to accidental overdosing is highly unlikely.

### **Incompatibilities**

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

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

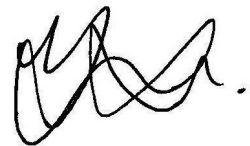
Any unused veterinary medicinal product or waste materials derived from such veterinary medicinal products should be disposed of in accordance with local requirements.

The active ingredient paromomycin sulfate is very persistent in the environment.

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

### **15. OTHER INFORMATION**

Pack size: sachet of 1000 g – 500 g – 250 g – 25 g  
Not all pack sizes may be marketed.



Approved: 04 September 2019