

# Summary of Product Characteristics

## 1 NAME OF THE VETERINARY MEDICINAL PRODUCT

Apralan G200 Premix for medicated feeding stuff

## 2 QUALITATIVE AND QUANTITATIVE COMPOSITION

### Active Substance:

Apramycin (as apramycin sulphate) 200 g apramycin per kg

For a full list of excipients see section 6.1.

## 3 PHARMACEUTICAL FORM

Premix for medicated feeding stuff.  
Light tan granular free flowing premix.

## 4 CLINICAL PARTICULARS

### 4.1 Target Species

Apralan G200 Premix is indicated for use in young pigs.

### 4.2 Indications for use, specifying the target species

For the treatment and control of bacterial enteritis in young pigs caused by *Escherichia coli* and other apramycin sensitive organisms.

In vitro, the following organisms were susceptible to apramycin at concentrations of 16µg/ml or less:

1) Gram-positive bacteria  
*Staphylococcus aureus*

2) Gram-negative bacteria  
*Bordetella bronchiseptica*  
*Escherichia coli*  
*Campylobacter spp*  
*Klebsiella spp*  
*Salmonella spp*  
*Proteus spp*

*Pseudomonas aeruginosa*

*Shigella sonnei*

3) Mycoplasma

*Mycoplasma hyopneumoniae*

#### **4.3 Contraindications**

Do not use in cases of known hypersensitivity to apramycin.

Do not use in cats.

#### **4.4 Special warnings for each target species**

None.

#### **4.5 Special precautions for use**

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

Official, national and regional antimicrobial policies should be taken into account when the product is used.

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

##### **product to animals**

Avoid inhaling the powder while preparing the medicated feed.

Avoid contact with skin and eyes. In the event of skin contact, wash thoroughly with soap and water. In the event of accidental eye contact, wash the affected eye with fresh running water and seek medical attention if irritation persists. Wash hands after use.

#### **4.6 Adverse reactions (frequency and seriousness)**

None known.

#### **4.7 Use during pregnancy, lactation or lay**

Apralan G200 Premix is not intended for use in pregnant or lactating animals.

However,

laboratory studies in the rat and rabbit have not produced any evidence of a teratogenic effect.

#### **4.8 Interaction with other medicinal products and other forms of interactions**

None observed.

#### 4.9 Amounts to be administered and administration route

For oral administration only.

The dose is 4-8 mg/kg bodyweight. To achieve this, thoroughly mix 0.5 kg of Apralan G200 Premix in one tonne of finished feed to provide 100 ppm apramycin activity. It is recommended to first thoroughly mix 1 part of product to 20 parts of feed (e.g. 0.5 kg of Apralan G200 Premix to 10 kg feed) before incorporation into the finished feed. The product can be incorporated into the pelleted feed preconditioned with steam for up to 15 minutes at a temperature of not greater than 75°C.

The intake of medicated feed depends on the clinical condition of the animals. In order to obtain the correct dosage, the concentration of Apralan G200 has to be adjusted accordingly.

Feed as the only ration for a maximum of 28 days or as directed by the veterinary surgeon.

For incorporation into dry feed at a registered mill. A manufacturer who is approved to incorporate directly at any concentration, veterinary medicinal products or premixes containing such products must be responsible for mixing when incorporation is less than 2 kg per tonne of final feed.

#### 4.10 Overdose (symptoms, emergency procedures, antidotes), if necessary

Groups of five male and five female four-week old pigs received apramycin ad libitum in the feed at up to 550 ppm for 28 days. No reaction was detected.

#### 4.11 Withdrawal period(s)

Meat and offal: 14 days

### 5 PHARMACOLOGICAL or IMMUNOLOGICAL PROPERTIES

Pharmacotherapeutic group: Intestinal anti-infectives

ATCvet code: QA07AA92

#### 5.1 Pharmacodynamic properties

Apramycin is a broad-spectrum aminocyclitol antibiotic produced by a strain of *Streptomyces tenebrarius*. Apramycin is bactericidal at minimum inhibitory concentrations.

Apramycin is effective against both Gram-negative and Gram-positive bacteria and some strains of mycoplasma at concentrations of 16 µg/ml or less. It is effective against most field strains of *Escherichia coli* and salmonellae.

## 5.2 Pharmacokinetic particulars

The oral administration of apramycin is intended for antimicrobial activity within the gut; apramycin is poorly absorbed, particularly in older animals.

Absorption: Pigs. Nine mg of apramycin/kg bodyweight administered orally is well absorbed in 2 - day old pigs, slightly absorbed in 4 week old pigs and not absorbed in 8 - week old pigs.

Distribution, Biotransformation and Excretion: Pigs. Very little metabolism of apramycin takes place in the animal. Dosing 10 kg pigs with <sup>14</sup>C apramycin resulted in approximately 83% being recovered from the faeces, and 4% from the urine, as <sup>14</sup>C apramycin.

## 6 PHARMACEUTICAL PARTICULARS

### 6.1 List of excipients

Pregelatinised Starch  
Solvent extracted soybean feed special

### 6.2 Major incompatibilities

None known.

### 6.3 Shelf-life

The shelf-life of the veterinary medicinal product as packaged for sale: 24 months.  
Shelf life after incorporation into meal or pelleted feed: 3 months.

### 6.4 Special precautions for storage

Multiwalled paper bags: Do not store above 25°C. Store in a dry place.  
Flexible laminate bag: Store in a dry place.

### 6.5 Nature and composition of immediate packaging

Apralan G200 is presented in:

- i) 5 kg and 25 kg polythene lined multiwalled paper bags or
- ii) 5 kg and 25 kg flexible laminate bags with aluminium foil layer.

Not all pack sizes may be marketed.

## **6.6 Special precautions for the disposal of unused veterinary medicinal products or waste materials derived from the use of such products**

Any unused product or waste material should be disposed of in accordance with national requirements.

## **7 MARKETING AUTHORISATION HOLDER**

Elanco GmbH  
Heinz-Lohmann-Strasse 4  
27472 Cuxhaven  
Germany

## **8 MARKETING AUTHORISATION NUMBER(S)**

VPA22020/013/002

## **9 DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION**

Date of first authorisation: 27 October 2000

Date of last renewal: 08 October 2010

## **10 DATE OF REVISION OF THE TEXT**

July 2018