

## SUMMARY OF PRODUCT CHARACTERISTICS

### 1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Troscan 100 mg film coated tablet for Dogs

### 2. QUALITATIVE AND QUANTITATIVE COMPOSITION

#### Each Tablet contains

#### Active substance:

Nitroscanate 100 mg

### 3. PHARMACEUTICAL FORM

Film coated tablet.

Yellow film coated round convex tablet.

### 4. CLINICAL PARTICULARS

#### 4.1 Target species

Dogs

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

The product is a broad spectrum anthelmintic for use in puppies and adult dogs for the treatment of infection by adult intestinal nematodes or cestodes of the following species:

Nematodes: *Toxocara canis*, *Toxascaris leonina*, *Ancylostoma caninum*, *Uncinaria stenocephala*

Cestodes: *Taenia hydatigena*, *Taenia pisiformis*, *Dipylidium caninum*

#### 4.3 Contraindications

Do not administer to sick or convalescing animals. Do not use in puppies of less than 3 weeks of age. Do not use in cases of hepatic dysfunction. Do not use in cases of known hypersensitivity to the active substance.

#### 4.4 Special warnings for each target species

The product is not indicated for the treatment of *Trichuris vulpis* and gives only a limited level of control of *Echinococcus granulosus*.

Since the most common tapeworm of the dog (*Dipylidium caninum*) is transmitted by a flea and has a very short pre-patent period, it is important to pay attention to flea control to reduce the incidence of tapeworm in the animal.

#### 4.5 Special precautions for use

#### Special precautions for use in animals

Do not repeat treatment if vomiting occurs shortly after dosing

Administer with food (See 4.9)

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

Wash hands after use.

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

When the product is not administered as recommended occasionally vomiting may occur.

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

The product can be used during pregnancy and lactation.

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

None known

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

For oral administration.

The dose is 50 mg nitroscanate per kg bodyweight, which is equivalent to 1 x 100 mg tablet per 2 kg bodyweight. Tablets should not be broken before administration.

The dosing program should be established by the veterinary surgeon.

The product should be administered orally in the morning after overnight fasting with approximately one-fifth of the daily food ration. The remaining food ration should be withheld for at least 8 hours

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

In studies using up to nine times the recommended dose of nitroscanate dogs showed no clinical symptoms. However, increased levels of serum enzymes ALT and ALP suggestive of liver dyscrasia were observed in some of the dogs receiving 3(for ALT) or 5 (for ALT and ALP) times the recommended dose.

**4.11 Withdrawal Period(s)**

Not applicable

**5. PHARMACOLOGICAL or IMMUNOLOGICAL PROPERTIES**

|                            |               |
|----------------------------|---------------|
| Active Substance:          | Nitroscanate  |
| Pharmacotherapeutic group: | Anthelmintic. |
| ATCvet-code:               | QP52AX01      |

## **5.1 Pharmacodynamic properties**

Nitroscanate is an anthelmintic of the diphenyloxy group. Nitroscanate is known to interfere with and inhibit the synthesis of ATP in *Fasciola hepatica* while A.M.P. levels are increased. The alterations in A.T.P. levels are shown to be irreversible and continuous with time. Neither interference in the uptake of glucose nor the mobilisation of glycogen are observed. An initial increase in end-product formation, namely acetate and lactate is observed, possibly due to increased levels of the enzyme phosphofructokinase resulting from depletion of A.T.P. levels, but this increase is later abolished. In the nematode *Haemonchus contortus* adenine nucleotide pools are depressed by nitroscanate.

Efficacy of nitroscanate is increased approximately four-fold if given with food due to slower passage of the drug through the gastrointestinal tract, with increased contact time with the parasite.

## **5.2 Pharmacokinetic properties**

When administered orally, the drug is only partly absorbed from the gastrointestinal tract, with the majority of the dose being eliminated in the faeces. The remainder of the dose is metabolised and excreted in the urine. The principal urinary metabolite is 4-(4-aminophenoxy) acetanilide. The concentration of nitroscanate in contact with the helminths in the gastrointestinal tract and the absorption into the fatty layers of these helminths is probably more important for the purpose of efficacy than absorption into the blood.

## **6. PHARMACEUTICAL PARTICULARS**

### **6.1 Incompatibilities**

Not applicable

### **6.2 Shelf-life**

Shelf life of the veterinary medical product as packaged for sale: 5 years.

### **6.3. Special precautions for storage**

Store in a dry place.

Do not store above 25°C.

### **6.4 Nature and composition of immediate packaging**

Aluminium foil strips in outer carton

100 tablets (for veterinary surgeons only)

1 x 6 tablets

1 x 4 tablets

Not all pack sizes may be marketed

### **6.5 Special precautions for the disposal of unused veterinary medicinal products or waste materials**

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

## **7. MARKETING AUTHORISATION HOLDER**

Chanelle Animal Health Ltd.,  
7 Rodney Street,  
Liverpool L1 9HZ,  
England.