



Reg. No.: 3430/2012 M.O.H

# Ornipural

## Injectable Solution

### Composition

Each 1 ml contains:

<b>Betaine</b>	15 mg	
<b>Arginine (hydrochloride)</b>	33.3 mg	
<b>Ornithine (hydrochloride)</b>	11.8 mg	
<b>L-citrulline</b>	10 mg	
<b>Sorbitol</b>	200 mg	

### Pharmacological properties

Pharmacologic-therapeutic group: other medicines of the digestive system and the metabolism, amino acids and derivatives.

### Pharmacodynamic properties

The active ingredients of this veterinary medicine have hepatoprotective, lipotropic and diuretic properties.

**Betaine** is a lipotropic factor, involved in fighting against liver fat overload and fatty liver. **Sorbitol** is a carbohydrate that improves the intestinal absorption of some vitamins, especially Vitamins B12 and B6 and ferric ion. It is also a nutrient and a diuretic. **Ornithine** and **Citrulline** are amino-acids used to detoxify the organism by activating the ureogenesis cycle.

**Arginine**, another amino acid, is part of the Krebs' tricarboxylic acid cycle and also facilitates the ureogenesis cycle.

### Pharmacokinetic particulars

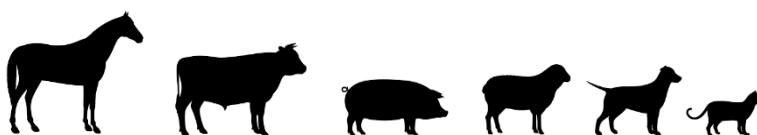
Unknown.

### Indications

Hepato-protector

Ammonia regulator

Stimulation of the hepatodigestive activity in digestive disorders, liver and kidney failure.



## Dosage and administration

Ornipural may be administered by intramuscular, subcutaneous or slow intravenous injection. Renew the injections 4 to 5 times within an interval of 2 days.

<b>Horses, Adult Cattle</b>	50-10 ml
<b>Foals, Calves</b>	1 ml per 5-10 Kg b. w.
<b>Pigs, Adult Sheep</b>	10-15 ml
<b>Piglets, Lambs</b>	3-5 ml
<b>Dogs , Cats</b>	2-5 ml according to size

## Special Warnings

**Special warnings for each target species:** None.

**Special precautions for use in animals:** None.

**Special precautions to be taken by the person administering the veterinary medicinal product to animals:** None.

## Use during pregnancy or lactation

The safety of the veterinary medicinal product has not been established during pregnancy. However, it doesn't seem to be a problem to use it during pregnancy and lactation.

**Interaction with other medicinal products:** Unknown.

**Overdose:** Not applicable.

## Withdrawal periods

**Meat:** zero day.     **Milk:** zero day.

## Special Storage Precautions

**Store at temperature not exceeding 30°C.**

**Shelf life after first opening the immediate packaging:** 28 days.

**Keep out of the reach and sight of children.**

## FOR ANIMAL USE ONLY

Manufactured by VETOQUINOL S. A.

**Exclusive agent:** INTERCOVA, Animal Health products.

**Distributed by:** WAYZON Pharma.

