



With choline chloride



# Hepamet<sup>®</sup>

Oral solution



## For deficiency states in chickens and laying hens

- ✓ In states of dehydration improves recovery from states of shock
- ✓ Changes in feeding
- ✓ Periods of stress
- ✓ Prevents liver dysfunctions

## Combination of B complex vitamins with choline and methionine

- ✓ With choline and methionine to regulate the liver metabolism

## Convenience of use

- ✓ Does not precipitate: does not obstruct drinking troughs
- ✓ The animals accept it very well

**LABIANA**  
*always works*



## Functions of choline chloride

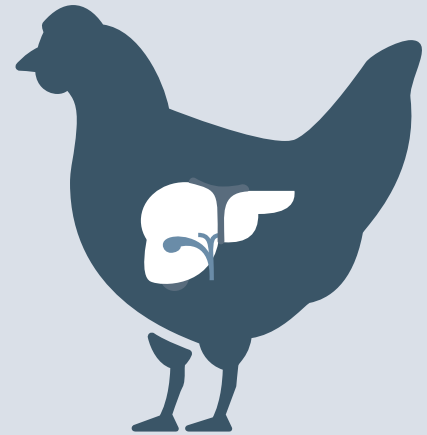
- Choline chloride mobilizes the liver fats. It is a lipotropic agent which prevents fatty liver.
- Provides methyl groups, which are essential for the synthesis of numerous organic substances.
- Integrating acetylcholine, an important neurotransmitter.
- Intervenes in the creation of phospholipids, essential for maintenance of the cell structure.

Supplementing the diet with choline prevents serious conditions and problems in poultry; **in general:** perosis, reduction of incubability, generalized delays in growth, serious hepatosis. **And in laying hens:** reduction of the egg size and percentage of oviposition.

## Functions of niacinamide

- Acts in the cellular metabolism as a precursor of coenzymes.
- Essential for the energy metabolism of the cell and repair of DNA.
- Eliminates toxic substances.
- Participates in the production of steroid hormones synthesized by the adrenal gland, such as sex hormones and hormones relating to stress.

It must be taken into account that diets rich in corn can cause a deficiency of this vitamin



**Hepamet® aids in preventing fatty liver and in eliminating toxic substances**

## COMPOSITION

Lecithin

### Composition per litre:

*Vitamins, provitamins and chemically well-defined substances having similar effect:*

Vitamin B1 (3a820) .....	5 g
Vitamin B2 / Riboflavin Sodium Phosphate .....	2 g
Vitamin B6 / Pyridoxine Hydrochloride (3a831).....	2 g
Vitamin B12 / Cyanocobalamin .....	10 mg
D-Panthenol (3a842).....	11 g
Niacinamide (3a315).....	60 g
Choline chloride (3a890).....	50 g
Folic acid (3a316).....	300 mg

*Aminoacids, their salts and analogues:*

Calcium salt of hydroxy analogue of methionine (3c308).....	50 g
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*Trace elements*

Iron (III) chloride hexahydrate (3b102).....	0.5 g
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## INDICATIONS

Vitamin and amino acid deficiencies.

## DOSAGE AND ADMINISTRATION

**Chickens/turkeys:** 1 ml/litre drinking water or /kg of feed.

**Laying hens:** 1 ml/litre drinking water or /kg of feed.

## SPECIAL PRECAUTIONS FOR STORAGE

Store in a cool and dry place, below 25 °C protected from light.

Shelf life: 24 months.

## PRESENTATIONS

200 ml and 1 litre bottles.

5 litre jug.

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