

# Aminovit Plus

Vitamins and amino acids in oral solution



## For critical periods

- ✓ Periods of maximum production and reproduction exigence
- ✓ Demanding physiological stages, as pregnancy and lactation
- ✓ Contains biotin and choline to reinforce the protective effect of the cells and stimulate cell replication

## Good combination of vitamins and amino acids

- ✓ Contains folic acid
- ✓ Contains choline: regulator of liver metabolism

## Convenience of use

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

**LABIANA**  
*always works*



# **Aminovit Plus** Vitamins and amino acids in oral solution



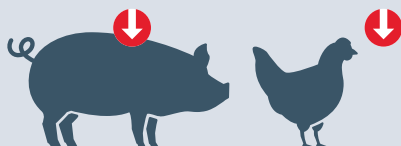
## Biotin, choline chloride and folic acid, physiologically essential

### Biotin

Essential in poultry and pigs. It must be taken into account that antibiotics inhibit the absorption of biotin.

Its **deficiency in poultry** causes a decrease in growth, dermatitis, defects in plumage, anaemia and swollen eyelids.

The **deficiency in pigs** involves cutaneous inflammation, muscular pain and affects the formation of hooves; thus, its addition results in a decrease in problems with lameness and dermatitis. Furthermore, the addition of biotin in sows improves their breeding productivity.



### Choline chloride

- Choline has a basic structural function, as it forms part of the phospholipids of the cell membranes.
- It is a precursor of the neurotransmitter acetylcholine.
- Hepatoprotective: participates in the metabolism of fats in the liver.



### Folic acid

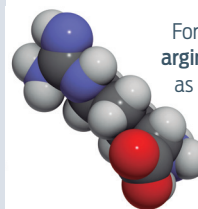
Together with vitamins C and B12, it participates in the formation of the red blood cells and haemoglobin, and stimulates the formation of antibodies.



### Aminovit Plus provides balanced amounts of amino acids

As a whole, the contribution of essential and non-essential amino acids aids in balancing the diet for:

- The correct formation of proteins.
- Synthesis of some neurotransmitters.
- Formation of essential compounds, such as, hormones and enzymes.



For example, the **amino acid arginine** improves production, as it is essential for muscular growth and it increases the growth hormone levels

## COMPOSITION PER LITRE

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

Vitamin A (3a672b) .....	4,000,000 IU
Vitamin D3 (E 671) .....	1,000,000 IU
Niacinamide (3a315) .....	15 g
D-Panthenol (3a842) .....	8 g
Vitamin K3 (3a710) .....	3.75 g
Vitamin E / all-rac- $\alpha$ -tocopheryl acetate (3a700) .....	3 g
Vitamin C / Ascorbic acid (3a300) .....	3 g
Vitamin B2 / Riboflavin sodium phosphate .....	1.42 g
Vitamin B1 / Thiamine HCl (3a820) .....	1 g
Vitamin B6 / Pyridoxine HCl (3a831) .....	0.4 g
Choline chloride (3a890) .....	0.4 g
Folic acid (3a316) .....	0.1 g
Vitamin B12 / Cyanocobalamin .....	0.01 g
Biotin (3a880) .....	1 mg
Mixture of flavouring compounds .....	12.5 g
Preservatives: Sodium benzoate (1a700) .....	2.5 g

### Analytical composition:

Glutamic acid .....	3.91 g	Isoleucine .....	1.00 g
Aspartic acid .....	2.37 g	Alanine .....	0.88 g
Leucine .....	1.67 g	Glycine .....	0.86 g
Arginine .....	1.56 g	Threonine .....	0.77 g
Lysine .....	1.28 g	Tyrosine .....	0.77 g
Serine .....	1.07 g	Histidine .....	0.53 g
Phenylalanine .....	1.07 g	Methionine .....	0.28 g
Proline .....	1.05 g	Tryptophan .....	0.28 g
Valine .....	1.02 g	Cystine .....	0.26 g

## INDICATIONS

Vitamins and amino acid supplement for critical periods of the animal's life: maximum production period, reproduction, pregnancy, lactation, etc.

## DOSAGE AND ADMINISTRATION ROUTE

Oral solution for administration in drinking water, for at least 7 days.

**Bovine:** 0.2 ml/litre of drinking water or /kg of feed.

**Ovine and caprine:** 0.2 ml/ litre of drinking water or /kg of feed.

### Porcine:

Adults: 0.3-0.5 ml/ litre of drinking water or /kg of feed.

Piglets: 0.5 ml/ litre of drinking water or /kg of feed.

**Poultry:** 0.5-1 ml/ litre of drinking water or /kg of feed.

### Horses:

Adults: 0.3 ml/ litre of drinking water or /kg of feed.

Foals: 0.25 ml/ litre of drinking water or /kg of feed.

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

## USE DURING PREGNANCY AND LACTATION

Can be used during pregnancy and lactation.

## SPECIAL PRECAUTIONS FOR STORAGE

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

Shelf life: 2 years stored in its original closed container.

## PRESENTATIONS

200 ml and 1 litre bottles.

5 litre jug.

$\alpha$ ESP-08100341

