

# Aminovit Plus

Vitamins and amino acids in oral solution



## For critical periods

- ✓ Periods of maximum production exigence
- ✓ Demanding physiological stages, as pregnancy and lactation
- ✓ Protective effect on cells
- ✓ Stimulates cell replication

## Good combination of vitamins and amino acids

- ✓ High concentration of folic acid
- ✓ High concentración of choline: liver metabolism regulator

## 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



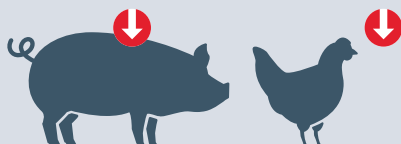
## Biotin, choline chloride and folic acid, physiologically essential

### 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

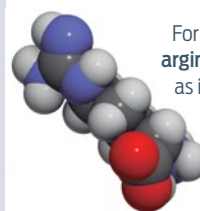
Together with vitamins C and B12, it participates in the formation of the red blood cells and haemoglobin, and stimulates the formation of antibodies.



### 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
Antioxidants: Ethoxyquin (E 324)	0.2 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

Supplement of amino acids and vitamins for critical periods in the life of the animal: periods of maximum production, reproduction, pregnancy, lactation, etc. Contains biotin and choline to reinforce the protective effect of the cells and stimulate cell replication.

## 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.

## 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

