

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 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. Biotin is involved in the pathways for the **metabolism of amino acids**, cellular respiration, gluconeogenesis, and synthesis of fatty acids.

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

Ruminants are able to synthesize biotin in the rumen. Nevertheless, in situations where dairy cows are fed to maximize production, it may be necessary to provide supplementary biotin, considering that the amounts normally supplied by the diet and synthesis of the gastrointestinal microflora may not be adequate to optimize productivity and maintain their health.

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

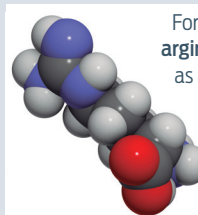
Together with vitamins C and B12, it participates in the formation of the red blood cells and haemoglobin, and stimulates the formation of antibodies.



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- α -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

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.

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: 1ml/ 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.

α ESP-08100341

