



# VITAMINO

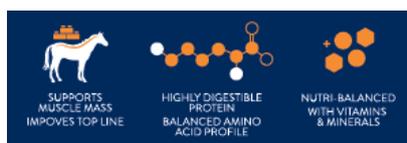
PROTEIN BALANCER FOR STRONG MUSCLES,  
ENRICHED WITH VITAMINS AND MINERALS

## 1. RECOMMENDED USE

**Cavalor VitAmino is a source of high-quality proteins that, due to their high digestibility and specific amino acid profile, make an optimal contribution to the development of more muscle mass.**

When building muscles, it is important that horses have sufficient building materials, including certain amino acids. Cavalor VitAmino contains soy, alfalfa and potato protein that contain all the essential amino acids in the correct proportion so that strong muscles are obtained as efficiently as possible. Cavalor VitAmino can also be used in addition to Strucomix Senior to keep older horses that easily lose muscle mass in shape.

## 2. PRODUCT PROPERTIES – KEY INGREDIENTS



**Supports the development of muscle mass and improves the top line.**

Cavalor VitAmino supports muscle retention and helps build up your horse's muscles. The protein the muscles are made up of is a chain of interlinked amino acids. In addition to sufficient building materials, which the horse gets from high-quality protein that is digested in the small intestine, sufficient energy is also needed to allow the process of building

up muscle mass to continue. An adapted exercise schedule is essential for maintaining and developing muscles, in addition to the right nutrition. This is because muscle breakdown occurs during exercise. Small tears appear in the muscle fibres. This triggers the body to make new muscle fibres. Cavalor VitAmino provides the amino acids needed so that muscle recovery and build-up can take place together with effort.

**Provides a balanced amino acid profile from highly digestible proteins.**

The specific composition of Cavalor VitAmino offers an amino acid profile very similar to that of the horse's muscle protein. Essential amino acids, including lysine, methionine, leucine, etc. must be absorbed through food. Cavalor VitAmino consists of high-quality protein sources including soy, alfalfa and potato protein that are digested in the small intestine and broken down into amino acids. The amount of each and the correct ratio (also called the amino acid profile) of these amino acids determine proper muscle development. Just like puzzle pieces that together make one puzzle, for muscle tissue to develop, a sufficient amount of the amino acids needed must be available in the right proportions. If even one amino acid is missing, the process of muscle building is slowed down.

**Highly digestible proteins supplemented with vitamins and minerals**

More important than the content of protein is the content of digestible protein. Each source has a different digestibility. For example, the protein in soy is 50-80% digestible, while the protein in hay is a lot less digestible. The more digestible the protein, the less protein a horse needs to consume to obtain sufficient amino acids. Cavalor VitAmino contains highly digestible protein sources, including soy, potato protein and wheat middlings, so that the total amount of protein can remain limited. In addition, Cavalor VitAmino contains highly absorbable vitamins and minerals, thus addressing any deficiencies, and providing roughage as well.

### **Composition**

Soybean meal (produced from genetically modified soy), alfalfa, potato protein, wheat middlings, sugar beet molasses, wheat bran, fenugreek, calcium carbonate

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## Analytical constituents:

CRUDE PROTEIN → 35.0%	CALCIUM → 1.0%	LYSINE → 2.1%
CRUDE FAT → 2.0%	PHOSPHORUS → 0.8%	METHIONINE → 0.55%
CRUDE ASH → 10.0%	MAGNESIUM → 0.85%	LEUCINE → 3.00%
CRUDE CELLULOSE → 9.0%	SODIUM → 0.05%	THREONINE → 1.5%
SUGARS → 7.0%	POTASSIUM → 1.8%	TRYPTOPHAN → 0.47%
STARCH → 7.0%		ISOLEUCINE → 1.65%
		ARGININE → 2.2%
		VALINE → 1.86%
		HISTIDINE → 0.85%
		PHENYLALANINE → 1.85%

## Additives/kg

Vitamins	Trace elements
Vitamin A (3a672a) → 45,000 IU	Iron (Iron sulphate monohydrate, 3n103) → 120 mg
Vitamin D3 (3a671) → 4,500 IE	Zinc (zinc sulphate monohydrate, 3b605) → 450 mg
Vitamin E (3a700) → 500 mg	Manganese (manganese sulphate monohydrate, 3b503) → 300 mg
Biotin (3a880) → 0.3 mg	Copper (copper sulphate pentahydrate, 3b405) → 160 mg
Choline chloride (3a890) → 280 mg	Iodine (calcium iodate anhydrous) (3b202) → 2.6 mg
	Cobalt (coated cobalt carbonate pellets) (3b304) → 0.3 mg
	Selenium (sodium selenite) (3b801) → 1.2 mg

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## 3. INSTRUCTIONS FOR USE

Cavalor VitAmino is recommended for horses for which more muscle mass is desired.

Note: horses that are too lean have difficulty or cannot gain muscle mass. In such a case, consult a nutritionist or veterinarian first.

The recommended dose varies depending on the situation.

For **sport horses**, a daily dose of 100 g - 200 g/100 kg body weight is recommended in addition to the current ration. The dose is determined by the training intensity, among other things.

	/100 kg BW	For a 600 kg horse
Sporthorses		
Light work	100 - 150 g	600 - 900 g
Moderate work	125 - 175 g	750 - 1050 g
Heavy work	150 - 200g	900 - 1200g



For **adult horses** that do little or no work, a daily dose of 100 g - 125 g/100 kg body weight is recommended in addition to the roughage given. Cavalor VitAmino contains all the vitamins and minerals needed to meet the minimum requirements in addition to roughage. The dose depends, among other things, on the quality of the roughage and the protein content of the ration.

For **older or geriatric horses**, a daily dose of 50 g - 100 g/100 kg body weight is recommended in addition to roughage and Cavalor Strucomix Senior.

It is recommended to divide doses above 125 g/100 kg BW/day over multiple meals.

**Tip:** For an optimal effect, a minimum period of 4 weeks' use is needed. Do not give the standard dose for longer than 12 weeks. If more prolonged use is necessary, please halve the dose.

## 4. VERPAKKING EN BEWARING

NUMBER PER OUTER BOX	PACKAGING	
-	Cavalor® VitAmino 20 kg / 44 lbs	bag