

## PRODUCT DATA SHEET

# NUTRI BONE

## For optimal skeletal development and bone structure



- Nutritional support for bone development
- Helps promote balanced growth by providing the right ratio of macro- and micronutrients
- For foals and their mares in late pregnancy and lactation and young horses entering training
- Highly absorbable calcium and magnesium from marine red algae, organically bound trace elements, vitamins and macro-minerals.



5 KG / 20 KG



JOINTS, TENDONS & LIGAMENTS

# About Nutri Bone



Balanced nutrition is essential during growth to guide young horses through their development in the best possible way. Cavalor Nutri Bone combines calcium, magnesium, phosphorus and trace elements in the ideal ratios, enhanced with natural ingredients like marine red algae and clinoptilolite (clay mineral). This targeted composition supports bone strength, mineral density and structural quality in growing horses, making it particularly suitable for young horses that are already in work and exposed to increased skeletal load, and can also be fed to mares during pregnancy and lactation to support proper skeletal development in the foal.

A strong skeleton is not built in one single phase; it develops step by step. The foundation for a horse's future athletic performance is already laid before birth, but continues to adapt as training intensity increases. In young, immature sport horses, bone tissue must not only grow but also respond to mechanical stress by reinforcing its structure. Cavalor Nutri Bone supports this process by providing essential minerals and nutrients needed for bone adaptation, helping young horses cope with training demands while supporting long-term soundness.

## What makes Nutri Bone unique?

1

**Balanced nutrients for strong bones**

The foundation for strong bones starts with the right nutrition. The balanced pellet Cavalor Nutri Bone combines highly absorbable calcium and magnesium from marine red algae with organically bound trace elements, vitamins, macro-minerals and amino acids. Trace elements such as zinc, copper and manganese contribute to collagen formation and the development of a strong bone matrix, while vitamins A, D3, K and C support bone growth, calcium utilisation and connective tissue integrity; niacinamide plays a role in overall cellular metabolism. Together, these nutrients support optimal skeletal development in foals and young horses and lay the groundwork for their future success.

2

**Marine calcium from red algae: natural, sustainable & highly absorbable**

Calcium from marine red algae (maerl) is naturally more bioavailable. Thanks to its porous, plant-based structure, the body recognises and absorbs this marine calcium very efficiently. It is also naturally rich in magnesium and more than 70 essential trace elements that contribute to strong bones, a healthy metabolism and good immunity.



3

**Clinoptilolite, a clay mineral rich in highly absorbable silicon**

Clinoptilolite is a natural clay mineral from the group of zeolites. It forms in volcanic rock and has a unique, porous crystal structure. Thanks to this structure, clinoptilolite can temporarily bind certain substances and release them again later. This property can contribute to a balanced environment in the intestines, leading to better nutrient absorption. In addition, clinoptilolite naturally contains a high level of silicon. Silicon is a mineral that is readily bioavailable in this form. The trace element silicon, also known as silicic acid, is an important building block for, among other things, bones, cartilage...

# Advice

Cavalor Nutri Bone is given next to roughage and concentrates to support bone quality of young horses.

Dosage per animal per day:

- Mare in foal (months 9, 10, 11): 100g per day.
- Lactating mare: 150g per day.
- Weanling (6-12 months): 50g per day.
- Yearling: 75g per day.
- Two year old: 100g per day.

1 measuring scoop = 100 g. Mix in the daily feed.

Maximum amount per animal per day: 200 g

# Research

1. Ariton, A. M., Neculai Văleanu, A. S., Sănduleanu, C., Crivei, I. C., Postolache, A. N., Poroșnicu, I., ... & Trincă, L. C. (2022). Applications of clinoptilolite in veterinary medicine and animal husbandry.
2. Rogers, C. W., Gee, E. K., & Dittmer, K. E. (2021). Growth and bone development in the horse: when is a horse skeletally mature? *Animals*, 11(12), 3402.

# Ingredients

Wheat bran / Maerl / Monocalcium phosphate / Wheat, milled / Rapeseed oil, refined / Sugar cane molasses / Calcium carbonate

Analytical constituents	Quantity
Crude protein	5.13 %
Crude fat	3.01 %
Crude ash	53.61 %
Crude fiber	2.82 %
Calcium	10.52 %
Phosphorus	4.00 %
Sodium	0.64 %
Magnesium	1.69 %

Technological additives	Quantity (addition per kg)
Clinoptilolite of sedimentary origin (1g568)	150 000 mg
Sepiolite (E562)	300 mg

Trace elements	Quantity (addition per kg)
Copper(II) sulfate (pentahydrate) (3b405)	640 mg
Copper(II) chelate of glycine hydrate (solid) (3b413)	160 mg
Zinc sulfate monohydrate (3b605)	2 000 mg
Zinc chelate of glycine hydrate (solid) (3b607)	500 mg
Manganous sulphate monohydrate (3b503)	2 000 mg
Manganese chelate of glycine hydrate (3b506)	500 mg

Vitamins	Quantity (addition per kg)
Vitamin A Retinyl acetate (3a672a)	50 000 IU
Vitamin D3 (3a671)	5 000 IU
Vitamin K3 (3a711)	500 mg
Niacinamide (3a315)	360 mg
Vitamin C Sodium calcium ascorbyl phosphate (3a312)	10 500 mg

# NUTRI BONE

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Quantity per overpack	Description		Article number	
1	Nutri Bone 5kg	Pellet	82695105	 5 425016 903773
1	Nutri Bone 20kg	Pellet	82695120	 5 425016 903780

Store in a cool and dry place; shelf life is 18 months after production date for the 20 kg packaging and 24 months after production date for the 5 kg packaging.

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