



## MUSCLES

# LACTATEC

## FOR MUSCLES THAT PERFORM

### 1. RECOMMENDED USE

Cavalor® LactaTec helps muscles perform optimally at peak times and promotes a speedy recovery, preventing muscle fatigue and keeping your horses supple each day.

Cavalor® LactaTec is the most complete supplement, acting in multiple ways to support muscle activity, stimulate muscle recovery and prevent muscle issues such as stiffness, damage and fatigue. Thanks to efficient contributions to numerous metabolic processes, the muscles stay supple and capable of converting energy effectively without side effects. As a result, the horse can sustain peak performance even during periods of intensive training or multi-day events.

### 2. PRODUCT PROPERTIES – KEY INGREDIENTS



#### The power of nature

Cavalor® LactaTec is based on Cavalor® Muscle Fit. For improved muscle support, essential oils such as **Petroselinum sativum** and **Citrus aurantifolium** have been added. The active components of Citrus aurantifolium are strong antioxidants, preventing the formation of harmful free radicals. It also acts as a muscle relaxant. Petroselinum sativum contributes to effective muscle recovery after strenuous exercise. It has a purifying effect, removing toxins from the body more rapidly and allowing for effortless transport of oxygen to the muscles, delaying muscle fatigue.

#### Muscle cell support for supple, healthy muscle activity

Cavalor® LactaTec contains minerals such as **sulphur (S)**, **magnesium (Mg)** and **manganese (Mn)** that reduce muscle tension and promote flexibility and stamina of the muscles. These minerals have been formulated for easy absorption by the horse to ensure optimal effectiveness. One example is methylsulfonylmethane (**MSM**). Although MSM is best known for its beneficial effects on the joints, it also contributes to proper muscle function. MSM relaxes the muscles, acts as an antioxidant and also stimulates blood circulation. In this way, MSM promotes the body's decomposition and excretion of waste products. In addition, a complex of B vitamins including **vitamin B1, B2 and B12** improves the horse's carbohydrate metabolism, neural transmission and the oxygen supply to the muscles.

#### Highly potent antioxidant mix for maximum protection

Cavalor® LactaTec contains a very powerful combination of antioxidants, providing a proven and extremely strong defence against free radicals at relatively low ingredient dosages. Besides **vitamin E and selenium**, the standard antioxidants present in most muscle supplements found on the market, Cavalor® LactaTec also contains **vitamin C, beta-carotene and bioflavonoids**.

**Glutamine:** Is a building block for glutathione, an antioxidant. Glutathione is important in the recovery process following an injury.

This combination of ingredients greatly increases the production of glutathione in the body and triggers multiple processes for both intracellular and extracellular protection of the muscle cells.

#### Efficient muscle repair prevents acidification and muscle damage

Cavalor® LactaTec contains betaine, precursor to dimethylglycine, which primarily ensures efficient oxygen transport to the muscles, reducing lactate production and storage. **Zinc**, included in a chelated form, accelerates lactate breakdown, while **sodium bicarbonate and sodium triphosphate** act as buffers, contributing further to effective muscle recovery. By neutralising lactate and restoring the acid-base balance, it helps prevent muscle acidification and stiffness.

The amino acids **glycine, L- cysteine, glutamine, lysine** and **methionine** included in Cavalor® LactaTec function as building blocks for the proteins from which the muscle cells are constructed.



MSM → 3,0%	BICARBONATE OF SODA → 7,0%	
MANGANESE (MN) → 1 650 mg/kg	LYSINE → 7,0%	SELENIUM (SE) → 10 mg/kg
VITAMIN B2 → 1 600 mg/kg	PETROSELINUM SATIVUM → 66 700 mg/kg	ZINC (ZN) → 1 031 mg/kg
VITAMIN E → 42 234 IU/kg	MAGNESIUM (MG) → 2,5%	SODIUM TRIPOLYPHOSPHATE → 15,0%
VITAMIN C → 39 008 mg/kg	VITAMIN B1 → 1 600 mg/kg	METHIONINE → 6,5%
BETHAINE HYDROCHLORIDE / DMG → 104 811 mg/kg	VITAMIN B12 → 20 mg/kg	CITRUS AURANTIFOLIA → 33 300 mg/kg

### PRODUCT PROPERTIES – KEY INGREDIENTS

### 3. INSTRUCTIONS FOR USE

Mix 30 g with the feed per day. In case of severe acidification, we recommend a course of 4 weeks, followed by 2 days before, during and 1 day after competition or heavy exertion. 1 measuring scoop = 15 g. Maximum 45 g per horse per day.

Cavalor® LactaTec is also available in paste form as Cavalor® LactaTec Paste. The paste is rapidly absorbed and handy for occasional use such as for competitions or more intensive training. In these cases, give 1/2 syringe the night before and 1/2 syringe on the morning of the event. An additional dose of LactaTec Paste immediately following the exercise will significantly enhance recovery.



When there is no high load on the muscles and you just want to offer your horse's muscles some extra support, Cavalor® Muscle Motion may be more suitable. It keeps the muscles healthy and provides protection against the harmful effects of lactic acid and free radicals.

Administer with feed. Cavalor supports the seeking of veterinary advice before use. If used in performance or competition animals, the regulations of the relevant territorial authorities regarding use should be observed. It is recommended that a veterinarian's opinion be sought before prolonged use.

### 4. PACKAGING & STORAGE

Keep dry and at a moderate temperature. Usable until 2 years after the production date.

EANCODE	PACKAGING	# DAYS
 5425016903360	Item Code: 82194790 Cavalor® LactaTec 2 kg - 4,4 lb	66
 5425016903421	Item Code: 82194795 Cavalor® LactaTec 5 kg - 11 lb	166
 5425016902493	Item Code: 82194501 Cavalor® LactaTec Paste 1 x 60 g - 0,13 lbs	1
 5425016902508	Item Code: 82194506 Cavalor® LactaTec Paste 6 x 60 g - 6 x 0,13 lbs	6