



# LACTATEC

FOR MUSCLES THAT PERFORM

## 1. INTENDED USE 使用说明

### 竞技马肌肉排酸

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 可以有效支持帮助比赛马在重要时刻肌肉功能，促使肌肉实现快速恢复，预防肌肉疲劳，让马每天保持柔韧的肌肉状态。

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.

Cavalor® LactaTec 是目前营养最全面的营养添加剂，通过多层面支持帮助运动马肌肉活动，同时促进肌肉康复，防止肌肉僵硬，拉伤，肌肉疲劳等常见肌肉问题。基于本产品为多个新陈代谢过程供给有效营养，可以保持肌肉处于柔软状态，并且可以有效转换肌肉力量，无副作用。因此，竞技马在最重要的时刻仍然可以保持良好的状态，即使是高强度的训练或者多日连续的赛事。

## 2. PRODUCT FEATURES 产品特征



### The power of nature 大自然的力量

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.

Cavalor® LactaTec 是基于 Cavalor® Muscle Fit 更高级别的肌肉营养添加剂，含有天然植物精油紫杉醇和柑橘，柑橘精油里面的成分具有非常好的抗氧化作用，有效阻止有害自由基的形成。同时它有放松肌肉的功

能。紫杉醇精华可以有效恢复马匹在高强度运动后的肌肉康复，它具备净化功能，可以有效快速去除体内多余毒素，并且可以非常容易的将氧输送到肌肉，延缓肌肉疲惫。

#### **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.

Cavalor® LactaTec 富含矿物质包括硫元素，镁，锰，这些矿物质可以有效减少肌肉紧张，提高肌肉灵活性，增强肌肉耐力。这些矿物质的形式在体内非常容易吸收，以确保最佳使用效果。一个例子就是 MSM 甲基磺酸甲烷，虽然本成份有益于关节的功效非常显著，它也可以有利于肌肉功能。MSM 有效放松肌肉，作为抗氧化剂，可以刺激血液循环。MSM 可以有效促进体内毒素和多余垃圾的分解和清理。另外，本产品含有复合维生素 B，包括维生素 B1，B2，B12 这些可以有效提高碳水化合物的新陈代谢，神经传输，以及输送氧至肌肉组织。

#### **Highly potent antioxidant mix for maximum protection 高功效的复合抗氧化剂，为肌肉提供最大保护**

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**. In addition, Cavalor® LactaTec also contains **whey proteins**, precursor to glutathione, which is known to be one of the most powerful antioxidants at a cellular level, but is poorly absorbed through the feed.

Cavalor® LactaTec 含有非常强大的抗氧化剂复合成份，在用相对少的剂量的情况下，可以为运动马肌肉提供极强自由基防御效果。除了维生素 E 和硒，在市场上发现的大多数肌肉补充剂的标准抗氧化剂，Cavalor® LactaTec 也含有维生素 C，β-胡萝卜素和生物黄酮。此外，Cavalor® LactaTec 还含有乳清蛋白，谷胱甘肽的前体，众所周知，这是细胞水平上最强大的抗氧化剂之一，但通过饲料吸收的很少。

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.

本产品的成分可以大量增加体内谷胱甘肽的产生，并触发了肌肉细胞细胞内和细胞外保护的多个过程。

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

##### **有效的肌肉修复可以防止肌肉酸化和肌肉损伤**

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 tripolyphosphate** 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.

Cavalor® LactaTec 含有甜菜碱，二甲基甘油的前体，它主要确保向肌肉输送氧气，减少乳酸生产和储存。锌，包合成分形式，加速乳酸分解，而碳酸氢钠和三聚磷酸钠作为缓冲，进一步促进有效的肌肉恢复。通过中和乳酸和恢复酸碱平衡，它有助于防止肌肉酸化和僵硬。

The **whey proteins** in Cavalor® LactaTec not only prevent muscle damage by neutralising free radicals, they also supply proteins with an ideal amino acid profile, supporting rapid and effective regeneration of damaged muscle cells. Furthermore, the essential amino acids **lysine and methionine** included in Cavalor® LactaTec function as building blocks for the proteins from which the muscle cells are constructed.

Cavalor® LactaTec 中的乳清蛋白不仅通过中和自由基来防止肌肉损伤，而且还提供具有理想氨基酸的蛋白质，支持受损肌肉细胞的快速有效地再生。此外，Cavalor® LactaTec 中所含的必需氨基酸亮氨酸和蛋氨酸是肌肉细胞的蛋白质的构建基块。

用量说明：

**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.**

每天添加 30 克本产品到饲料里喂。在肌肉出现严重的酸化情况时，我们建议连续 4 周使用。并且比赛或者高强度运动开始前两天，期间，以及结束后一天喂。每勺约 15 克，运动马每天最大剂量不能超过 45 克。



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.

本产品也有口服管状膏剂，容易吸收，方便携带使用，比如用于比赛或者高强度的训练。在这些情况下，可以在比赛/训练前一晚上喂半管，在比赛/训练当日早上喂半管。然后在比赛或训练结束后立刻喂半管。

## MUSCLES

MSM ➤ 3,0%	BICARBONATE OF SODA ➤ 7,0%	SELENIUM (SE) ➤ 10 mg/kg
MANGANESE (MN) ➤ 1,650 mg/kg	LYSINE ➤ 7,0%	WHEY PROTEINS ➤ 15%
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 FEATURES

## 3. INSTRUCTIONS FOR USE

## 使用指南

When the intensity of the workload changes, another supplement within our range may fit your horse's needs better.

根据您马的运动量和强度，您可以选择 CAVALOR 肌肉系列产品。

Cavalor® Muscle Fit is very similar to Cavalor® LactaTec but doesn't contain the essential oils. It provides overall care for muscles to improve their activity and prevent stiffness and other muscle problems.

Cavalor® Muscle Fit 与 Cavalor® LactaTec 非常相近，但是 Muscle Fit 中未含植物精油，它为肌肉提供综合养护，提高肌肉状态，预防肌肉僵硬和其他肌肉问题。

Cavalor® Muscle Fit is the ideal product before and during regular competitions or for horses that suffer easily from sensitive muscles.

Cavalor® Muscle Fit 是常规比赛前和比赛期间运动马常用的肌肉保护添加剂，特别是针对有敏感肌肉的马。

Cavalor® Muscle Fit helps to bring your horse supple to the start of the next competition.





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.

Cavalor® Muscle Fit 帮助您的马有效恢复柔软肌肉状态，准备下次比赛。当没有高强度的运动带给肌肉高负担，您只希望给您的马肌肉方面的支持和保护的话，Cavalor® Muscle Motion 会更合适。它让马的肌肉保持健康柔软状态，并且预防保护肌肉中乳酸带来的副作用，和抵抗自由基。

#### 4. STORAGE & PACKAGING 储存和包装

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

阴凉干燥处保存，保质期 2 年。

#/OUTER BOX	EAN CODE	PACKAGING	# DAYS
4	 5425016902554	Cavalor® LactaTec 2 kg - 4,4 lb	66
1	 5425016902648	Cavalor® LactaTec 5 kg - 11 lb	166
4	 5425016902509	Cavalor® LactaTec Paste 6 x 60 g - 6 x 0,13 lbs	6
50	 5425016902493	Cavalor® LactaTec Paste 60 g - 0,13 lbs	50

#### CAVALOR 肌肉添加剂功效和使用条件示意图

运动强度自低到高- MUSCLE MOTION 肌肉运动- LACTATEC 肌肉排酸