

For the use only of a Registered Veterinary Practitioner or a Hospital or a Laboratory or a Farm.

## L-Carnitine and D-Panthenol Oral Paste

# CarniKO™ Oral Paste

Amino Acid supplement for  
Cats, Dogs and Horses

#### **COMPOSITION:**

Each ml contains:

L-Carnitine USP.....200 mg  
Dexpanthenol USP.....20 mg  
Excipients.....q.s.

#### **INDICATIONS:**

Cardiac disease, hepatic, renal disease, debilitation, convalescence, gastro-intestinal disturbances, inappetence: use the above dosage twice daily.

Other disorders (skeletal muscle disease, obesity/disturbances in fat metabolism): Use the above dosage three times a week.

#### **DOSAGE AND ADMINISTRATION:**

**Horses** : Adults horses: 10 ml orally three times a week  
(breeding stallions, mares, racing horses).

**Racing horses** : Administer 24 hours and 4-6 hours prior to strenuous exercise.

**Neonates/Foals** : 1-2 ml/50Kg body weight three times a week.

**Dogs** : 1ml/10Kg body weight.

**Cats** : 0.5ml/5Kg body weight

Administer 2-3 times weekly or as directed by your veterinarian.

#### **DIRECTIONS FOR USE:**

To administer place the nozzle into the side of the mouth and deposit the paste as far back over the tongue as possible.

Dispose of empty container by wrapping in paper and putting in the garbage

#### **TARGET SPECIES:**

Cats, Dogs and Horses.

#### **PHARMACOLOGICAL PROPERTIES:**

L-Carnitine is an amino acid essential in the transport of fats into muscle cells for energy production. By using fats as energy for muscle contractions, the body is sparing glycogen and delaying the accumulation of lactic acid.

#### **PHARMACODYNAMIC PROPERTIES:**

- L-Carnitine delays muscle fatigue by reducing lactic acid formation, and improves sprint and endurance performance.
- Muscle levels of L-Carnitine determine the exercise capacity of muscles.
- L-Carnitine is essential for normal heart function. Performance horses recover more efficiently when supplemented with L-Carnitine.
- L-Carnitine forms an essential part of the transport system which moves fatty acids into the mitochondria for energy production. It thus acts as a buffer by inhibiting lactic acid buildup in muscles, helping to delay fatigue and prevent Tying Up. Demand for L-Carnitine in heavily exercising horses is often not met from the diet, as large amounts are consumed during exercise. Supplementing L-Carnitine increases blood and muscle L-carnitine levels. This results in improved energy supply, increased use of fatty acids as an energy source, decreased lactate buildup, and a significant increase in maximum work output.
- Performance horses can rapidly run out of glycogen as an energy source, but will rarely run out of fats. Mobilising fats as an energy source helps prevent the accumulation of lactic acid in muscles, hence delaying fatigue and possible Tying Up, and significantly improving the capacity of muscles to work harder for longer.

#### **WARNING & PRECAUTIONS:**

- Wear gloves during application.
- Wash the hands thoroughly after use.
- Assess bodyweight as accurately as possible before calculating the dosage.

#### **CONTRAINDICATIONS:**

Do not administer to animals other than those for which it is indicated.  
Hypersensitivity to any of the Ingredients.

**WITHDRAWAL PERIOD:** Not Applicable

**STORAGE:** Store below 30°C.

#### **PRESENTATION:**

**For Cat & Dogs:** 5 x 15 ml syringe packed in a Primary Carton along with the Pack Insert.

**For Cat, Dog & Horses:** 60 ml syringe packed in a Primary Carton along with the Pack Insert.

VETERINARY.

NOT FOR HUMAN USE.  
FOR ANIMAL TREATMENT ONLY.

KEEP OUT OF REACH OF CHILDREN & PETS, AWAY FROM FOOD.

Carefully read the accompanying instructions before use.

## Veko®

Manufactured & Marketed by :

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