

# ENERGOMAX-20

## INJECTION

For Veterinary Use Only

### COMPOSITION:

Each ml contains:

L-Carnitine.....200mg

### PHARMACOLOGY:

Carnitine is a naturally occurring substance required in mammalian energy metabolism. It has been shown to facilitate long-chain fatty acid entry into cellular mitochondria, thereby delivering substrate for oxidation and subsequent energy production. Fatty acids are utilized as an energy substrate in all tissues except the brain. In skeletal and cardiac muscle, fatty acids are the main substrate for energy production. Carnitine can promote the excretion of excess organic or fatty acids in animals with defects in fatty acid metabolism and/or specific organic acidopathies that bio accumulate acylCoA esters.

### TOXICOLOGY:

Mutagenicity tests performed in *Salmonella typhimurium*, *Saccharomyces cerevisiae*, and *Schizosaccharomyces pombe* indicate that levocarnitine is not mutagenic. No long-term animal studies have been performed to evaluate the carcinogenic potential of levocarnitine.

### INDICATIONS:

- To improve both sprint and endurance performance.
- L-Carnitine is essential for normal heart function.
- L-Carnitine requirements are known to rise during periods of increased tissue demand.
- L-Carnitine may help delay muscle fatigue and improve endurance.
- Supplementation is recommended in the following situations: performance feeding; neonates (foals and yearlings have been found to have greater requirements for L-Carnitine); diets known to be low in Carnitine and its precursors; cardiac and skeletal muscle

disease; hepatic and renal disease; debilitation, in appetite, convalescence; gastrointestinal disturbances and parasitism; derangements in fat metabolism.

### DOSAGE AND ADMINISTRATION:

In drinking water for Poultry: 1ml/litre

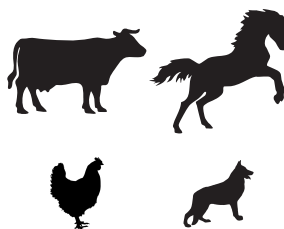
Cattle & Horse: 3ml/100kg body weight

Dogs: 1ml/10kg body weight

### PRECAUTIONS:

- Consult the veterinarian before use.
- Store between 15-25°C in a cool and dry place.
- Protect from light & moisture.
- Keep out of the reach of children.

### Innovator's Specs



Manufactured by:  
Selmores Pharmaceuticals (Pvt) Ltd.  
36 Km Multan Road, Lahore, Pakistan.



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