

# CARDIOTONIC

## FORMULA for Cardiovascular Health

*Carnitine | Coenzyme Q10 | Taurine*



*Dietary Supplement*

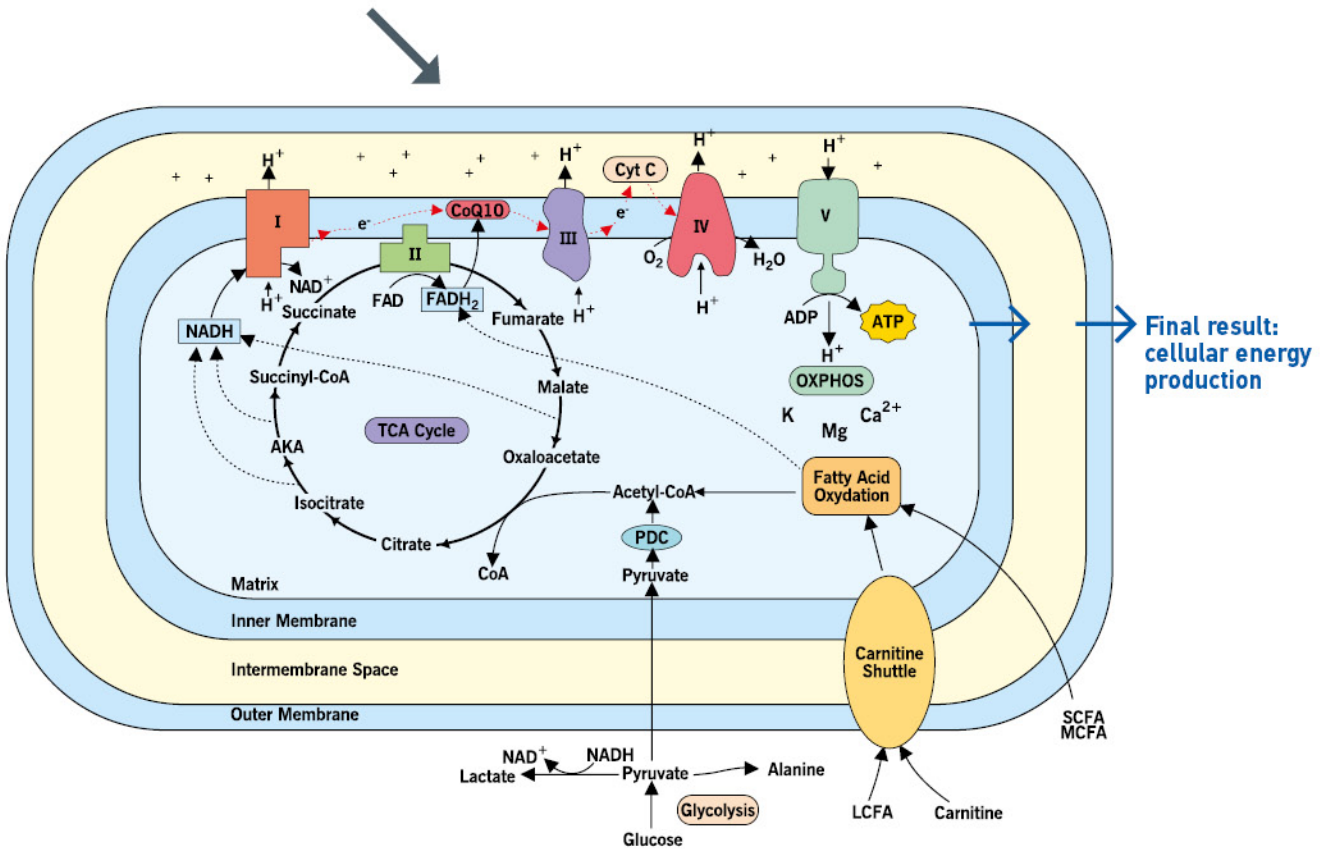
**60** tablets



# The synergetic action of:

## 2 Coenzyme Q10

A **transporter of electrons** throughout the process of oxidative phosphorylation.



## 1 L - Carnitine

It allows the **transport of long chain fatty acids** from cytoplasm to mitochondria activating:

- b oxidation
- Krebs cycle
- oxidative phosphorylation

## 3 L - Taurine

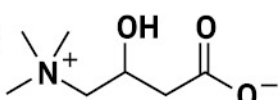
Heart needs taurine for the regulation of Calcium, Magnesium and Potassium. It also regulates Ca<sup>2+</sup> ATPase of the sarcoplasmic reticulum.

- **Carnitine** is found in large concentrations in the cardiac muscle. Many clinical studies have evaluated the use of **Carnitine** for the treatment of many heart diseases.
- **Q10** has the ability to transport electrons according to cellular needs. It is a powerful antioxidant and the cardiac muscle contains the highest amount of **Q10** in comparison to any other organ in our body.
- **Taurine** is an amino acid found in abundance in our body and in particular in the tissues, which consist of excitable cells, such as the nerves and the cardiac muscle.

## CARDIOTONIC: the synergetic action of 3 in one

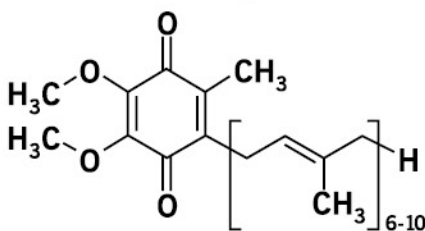
**Carnitine**

340mg



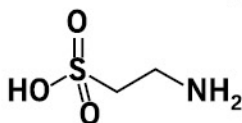
**CoQ10**

50mg



**Taurine**

100mg



triple  
protection/defense

| COMPOSITION IN ACTIVE INGREDIENTS                 | Per daily dose (1 tablet) |
|---|---------------------------|
| L-Carnitine (from 500 mg of L-Carnitine Tartrate) | 340 mg                    |
| L-Taurine   | 100 mg                    |
| Coenzyme Q10                                      | 50 mg                     |

### IT IS SUITABLE FOR

- the fulfillment of the increased needs and requirements of the mitochondria of the cardia muscle, which are lacking.

### DOSAGE

- Take 1 tablet on a daily basis or according to your doctor's advice.

**Bibliography:** 1. Di Nicolantonio JJ, Lavie CJ, Fares H, Menezes AR, O'Keefe JH. L-carnitine in the secondary prevention of cardiovascular disease: systematic review and meta-analysis. *Mayo Clin Proc.* 2013 Jun;88(6):544-51. doi: 10.1016/j.mayocp.2013.02.007. Epub 2013 Apr 15. 2. Sharma S, Black SM. Carnitine homeostasis, mitochondrial function, and cardiovascular DISEASE. *Drug Discov Today Dis Mech.* 2009;6(1-4):e31-e39. 3. Ferrari R, Merli E, Cicchitelli G, Mele D, Fucilli A, Ceconi C. Therapeutic effects of L-carnitine and propionyl-L-carnitine on cardiovascular diseases: a review. *Ann N Y Acad Sci.* 2004 Nov;1033:79-91. 4. Chapman, R.A., Suleinan, M.S. & Earm, Y.E. (1993) Taurine and the heart, *Cardiovascular Research*, Volume 27, issue 3, (pp. 358-363). 5. L-Carnitine and Its Role in Medicine: From Function to Therapy. Ed R. Ferrari, S. Dimauro, G. Sherwood. 6. Nutraceutici. Brian Lockwood, Lisa Rapport. Ed. Italiana di Bruno Berra. 7. Medicina Integrativa AMINOACIDI. Integratori mirati per salute e piena efficienza. Prof. Ivo Bianchi. Ed. MOS MAIORUM. 8. Ripps H, Shen W. Review: Taurine: A "very essential" amino acid. *Mol Vis.* 2012; 18:2673-86. Epub Nov 12, 2012.

**PRECAUTIONS** • The product should not be taken in the following case: Hypersensitivity to any of the ingredients. • Do not exceed the recommended daily dose. • Dietary supplements should not be used as a substitute of a balanced diet. • Keep away from young children. • This product is not intended for the prevention, cure or treatment of a human disease. • Consult with your doctor if you are pregnant, breast-feeding, taking pharmaceutical treatment or having health problems.

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