CoQ-Zyme 30™
CoQ-Zyme 100 Plus™

For Healthcare Professionals Only

CoQ-Zyme 30™: Each tablet of CoQ-Zyme 30™ supplies 30 mg of emulsified coenzyme Q10, as well as 30 mcg each of Superoxide Dismutase (SOD) and Catalase, key antioxidant enzymes from our exclusive Vegetable Culture.

CoQ-Zyme 100 Plus™: Each capsule of CoQ-Zyme 100 Plus™ supplies 100 mg of emulsified coenzyme Q10, as well as a full complement of important B vitamins, with each capsule supplying 100% of the Daily Value of B-complex vitamins, along with 80 mcg each of SOD and Catalase from our exclusive Vegetable Culture.

Based on a double blind clinical study, daily ingestion of 1 tablet (30 mg) of Biotics Research Corporation’s emulsified CoQ10 for 4 weeks was demonstrated to increase plasma CoQ10 levels by 210%, equivalent to 90-100 mg of dry CoQ10. Furthermore, dry CoQ10 powder increased serum levels in only 57% of subjects, while the Biotics Research Corporation emulsified CoQ10 produced an increase in serum CoQ10 levels in 80% of the subjects.1,2

Importantly, Biotics Research uses no soy byproducts, no artificial flavors or colorants, no propylene glycol, and no detergents or other artificial surfactants in our proprietary emulsification process.

As a cellular component, CoQ10 has two primary functions in the body; first, to act in the transfer of electrons as a necessary part of ATP production, and second, to function as an essential antioxidant. CoQ10 participates in all energy processes in the body, and has been termed “the hub around which life processes revolve in the human body.”3 It also plays a vital role in the cellular membrane, functioning in its stability, fluidity and permeability, in addition to stimulating cell growth and inhibiting cell death.4,5,6

In the body there is no means for storage for CoQ10, thus it must be made or replenished on a daily basis. Its synthesis in the cell mitochondria involves a complex 17-step process, which is dependent upon at least seven vitamin cofactors, including riboflavin (vitamin B2), niacin (vitamin B3), vitamin B6, vitamin B12, pantothenic acid (vitamin B5), folic acid, and vitamin C, along with several trace elements. In humans, the highest concentrations of CoQ10 are found in the heart, liver, muscle, kidney and brain.

CoQ10 is an organic, nonprotein molecule which is ubiquitous in the cellular matrix. The fact that it is

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These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.
ubiquitous initiated its primary designation, that of ubiquinone.

Ubiquinone and ubiquinol, the reduced form of CoQ10, are known as redox pairs, meaning that in the cellular matrix they cycle back and forth. These two entities are rapidly inter-converted, regardless of the form ingested. Of importance to note is that the body naturally produces ubiquinone and not ubiquinol. Human studies utilizing ubiquinol are lacking, thus claims on its superiority are presently invalid. Conversely, CoQ10 or ubiquinone has been utilized in hundreds of clinical studies, which have demonstrated its benefits for cardiovascular health, as well as for numerous other health issues.

References
3. Judy WV, Stogsdill WW, Judy DS, Judy JS. Coenzyme Q10 Facts or Fabrications.