CoQsol-CFTM with Tocotrienols *Rice Bran Oil Base*



#75460 (30 Softgels) #75470 (60 Softgels) #75480 (200 Softgels)

The Possible Benefits of CoQsol-CFTM with Tocotrienols, a Dietary Supplement

- Enhances the production of cellular energy (ATP)
- Protects the mitochondrial membrane against lipid peroxidation
- May support the function of the cardiovascular system, the immune system, and the health of the gums
- CoQsol-CFTM has increased bioavailability, and is synergistic with tocotrienols

Description

CoQsol-CFTM with Tocotrienols combines two lipid antioxidants in a superior synergistic formula. CoQsol-CFTM is a crystal-free, patent pending formulation of coenzyme Q10 (CoQ10), which is completely solubilised in a proprietary matrix to prevent the CoQ10 from recrystallising, for enhanced absorption. A pilot clinical trial demonstrated enhanced CoO10 bioavailability in this form, and further studies are in progress. CoQsol-CFTM with Tocotrienols also includes a substantial amount of mixed tocopherols and mixed tocotrienols, important members of the vitamin E family. Tocotrienols have been shown to strengthen arterial walls, support blood flow through arteries, and support the regulation of cholesterol within normal levels. CoO10 is a nutrient critical for energy production and antioxidant protection of mitochondrial membranes, and tocotrienols and tocopherols work synergistically with CoQ10.

Besides the four well-known tocopherols, the vitamin E family also contains alpha, beta, gamma, and delta tocotrienols. Barley, rice bran, and palm oil products contain tocotrienols, but only in small quantities. Rice bran oil yields higher amounts of gamma-tocotrienol and lower amounts of alpha-tocotrienol compared to tocotrienols from palm oil, potentially increasing absorption and utilisation.

Tocotrienols have been shown to strengthen arterial walls, and support blood flow through arteries (coronary, carotid, and peripheral). They have also shown potential to support cholesterol within normal levels and protect against oxidation of cholesterol, possibly more effectively than vitamin E. Differences in the antioxidant activities of tocopherols and

tocotrienols are likely to be related to properties that affect their incorporation in cell membranes. Tocopherols, with a saturated side chain that interacts hydrophobically with acyl side chains of membrane phospholipids, may be relatively less able to access lipid radicals due to steric hindrance. Tocotrienols, with an unsaturated farnesyl side chain, have increased accessibility to lipid radicals and resulting greater antioxidant capacity, as compared with tocopherols.

CoQ10 is essential for the health of our cells, tissues and organs. It belongs to a family of lipid soluble ubiquinones, present throughout the body, and it is the predominant CoQ form found in humans. It is most concentrated in cells of the heart, liver, kidney and pancreas. The body's production of CoQ10 peaks around age 20 and then declines. For many decades, supplemental CoQ10 has been used throughout Europe, Asia, and the United States for its support of cellular energy, antioxidant function and cardiovascular health.

plays an essential role CoQ10 mitochondrial electron transport chain (ETC), the major metabolic pathway for making energy in every cell of the body. CoQ10 functions as an electron carrier in the ETC, linking the various enzymes of the chain, and the production of ATP is dependent on sufficient levels of CoQ10 in the mitochondrial membrane. CoQ10 is also an important antioxidant, protecting the mitochondria from free radical damage. The process of electron transport produces oxygen free radicals, which are then trapped by CoQ10 and vitamin E. CoQ10 reduces the initiation and propagation of lipid peroxidation in cell membranes and in lipoprotein fractions, and it works syner-gistically with vitamin E, helping to spare it.

CoQ10 has been extensively studied for its ability to support cardiovascular function. Studies suggest that CoQ10 may strengthen the heart muscle, and enhance such things as quality of life, breathing and heart rate. It supports blood pressure within normal levels, and it may be of benefit to those taking cholesterol-lowering medications, which can reduce blood levels of

CoQ10. It has been shown to potentially support energy, sexual health, gum health, certain immune parameters, aerobic capacity and physical performance.

CoQ10, vitamin E and tocotrienols are well tolerated, with an extensive history of study and safe use.

Serving Size: 3 Softgels

Servings Per Container: 10, 20, 67

Amount Per Serving:

Vitamin E (D-alpha-Tocopherol)	375	IU
Coenzyme Q10 (CoQsol-CF TM)	300	mg
Tocotrienols (from rice)	75	mg
D-alpha-Tocotrienol	33	mg
D-gamma-Tocotrienol	42	mg
Mixed Tocopherols	309	mg
D-delta-Tocopherol	63	mg
D-gamma-Tocopherol	150	mg

Other ingredients: D-limonene oil, gelatine, glycerine, rice bran oil, purified water, turmeric, zinc

oxide.

Suggested Use: As a dietary supplement, 1 to 3 softgels one or two times daily with meals, or as

directed by a healthcare practitioner.

References (CoQ10 references available upon request)

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