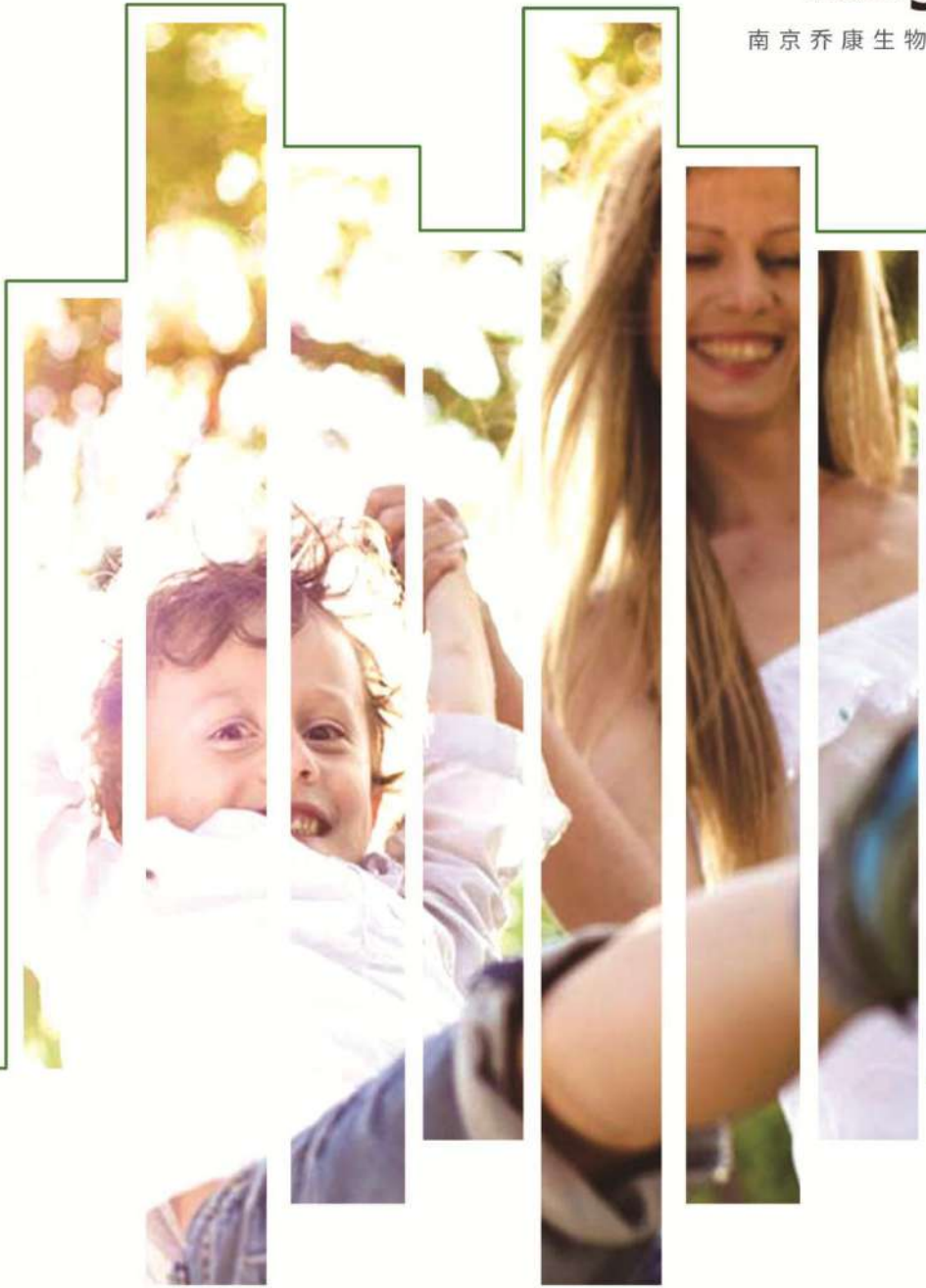




Kangcare

南京乔康生物科技有限公司



Coengy™ 辅酶Q10

Kangcare Bioindustry Co., Ltd.

我们对辅酶 Q10 的了解

What we know about Coenzyme Q10

辅酶Q10(CoQ 10)是一种类似维生素的物质，几乎存在于人体的所有细胞中，包括心脏、肝脏和骨骼肌，以及大多数植物和动物细胞。

- 作为一种抗氧化剂，辅酶Q10保护蛋白质，低密度脂蛋白胆固醇和线粒体DNA免受氧化损伤。
- 作为产生细胞能量的参与者，辅酶Q10有助于确保身体最大的能量消耗者心脏和大脑得到充足的营养。

Coenzyme Q10 (CoQ10) is a vitamin-like substance found in virtually all cells of the human body, including the heart, liver, and skeletal muscles, and in most plant and animal cells.

- As an antioxidant, CoQ10 protects proteins, LDL ("bad") cholesterol, and mitochondrial DNA from oxidative damage.
- As a participant in the production of cellular energy, CoQ10 helps ensure the body's biggest energy consumers-the heart and the brain-are well fed.

规格

规格 Specification	含量 Content	溶解性 Solubility	主要应用 Main Application
高纯度 Pure	98%	不溶于水 Insoluble in water	胶囊 Capsules
CWS	10%	冷水可分散 Cold water dispersible	强化水基食品，速溶产品，布丁，糖果和奶制品，以及泡腾片。 Fortification of water-based foods, instant products, puddings, confectionery and milk products, as well as effervescent tablets.
	20%		
	40%		
纳米乳液 Nano-emulsion	10%	冷水可溶 Cold water soluble	饮料和化妆品 Beverages and cosmetics



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为什么补充辅酶 Q10

Why supplement Coenzyme Q10

辅酶Q10在我们的身体中扮演着非常重要的角色，但它会随着年龄的增长而逐渐减少。

Coenzyme Q10 plays so an important role in our bodies, but it gradually reduces with age.

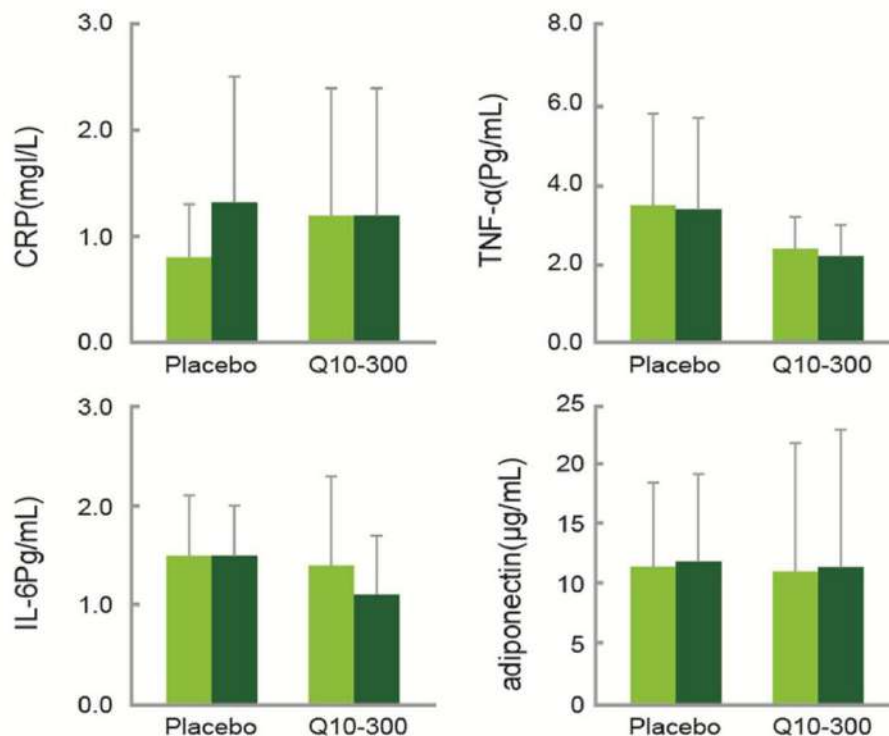
临床功效数据 Clinical benefit data

有益于心血管疾病

辅酶Q10已经在人类中进行了研究，并在科学文献中进行了广泛的回顾，它被证明有利于促进心血管健康。许多研究表明，补充辅酶Q10支持健康的心脏功能，包括维持正常的心跳和心脏中氧的代谢。一项随机、安慰剂对照试验,研究辅酶Q10补充剂对他汀类药物治疗期间冠心病患者抗氧化和抗炎的影响。

CoQ10 has been studied in humans and reviewed extensively in the scientific literature, it has been documented to be beneficial in promoting cardiovascular health. A number of studies indicate that supplementation with CoQ10 supports healthy heart function, including maintenance of a normal heartbeat and the metabolism of oxygen in the heart.

A randomized, placebo-controlled trial to research the effects of CoQ10 supplementation on antioxidant and anti-inflammation in coronary artery disease patients during statin therapy.



减缓神经退行性疾病 Slowing neurodegenerative diseases

辅酶Q10可能在减缓帕金森病(PD)的进展以及预防其他神经退行性疾病方面发挥作用。

CoQ10 may play a role in slowing the progression of Parkinson's disease (PD), as well as in preventing other neurodegenerative disorders.

帮助预防前列腺癌和乳腺癌 Helping avert prostate and breast cancers

令人兴奋的新研究在肿瘤学领域呈现出独特的可能性。现在的研究表明,除了防止黑色素瘤,辅酶Q10可能还帮助老年男性和女性避免潜在的致命性前列腺癌和乳腺癌。

Exciting new studies are presenting unique possibilities in the discipline of oncology. Research now suggests that in addition to protecting against melanoma, CoQ10 may help aging men and women to avert potentially lethal prostate and breast cancers.

改善糖尿病患者的血糖 Improving blood sugar in diabetes sufferers

临床试验表明,辅酶Q10可以帮助维持最佳的血糖控制,从而避免这种潜在的致命并发症。

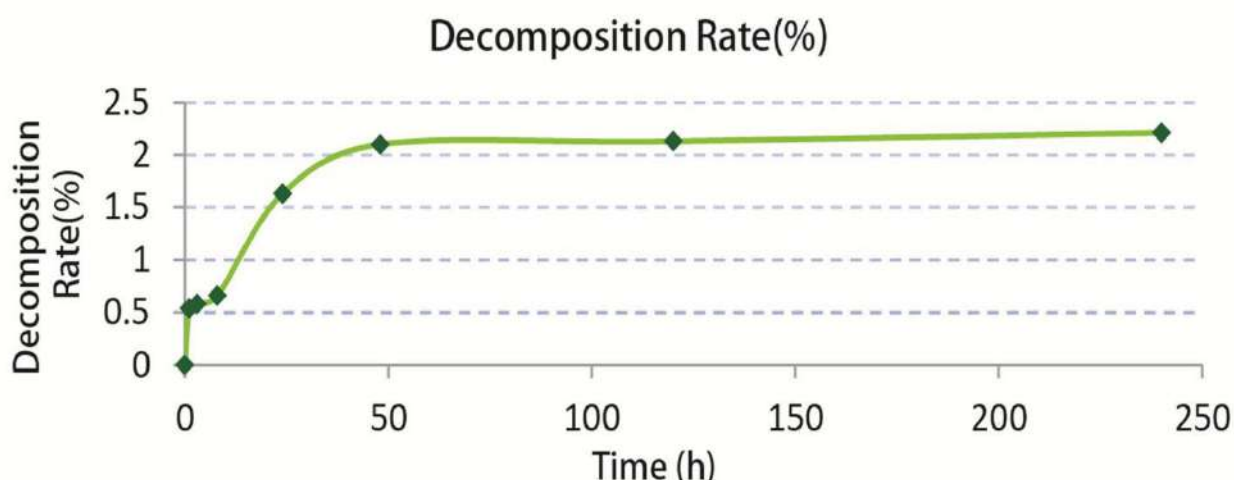
Clinical trials indicate that CoQ10 can help maintain optimal blood sugar control and thus avert the potentially lethal complications of this insidious disease.

优势 Advantage

稳定性好 Good stability

在高温度(40°C)条件下测辅酶Q10的稳定性。

Stability test of Coengy™ CoQ10 under high temperature condition(40°C)



高温试验表明，CoQ 10在高温下分解率低于5%，且48h后分解速度减慢，并趋于稳定。
Our high-temperature test showed that CoQ10 can be decomposed under high-temperature at rate below 5%, but after 48 hours, the decomposition will slow down, and go stable.

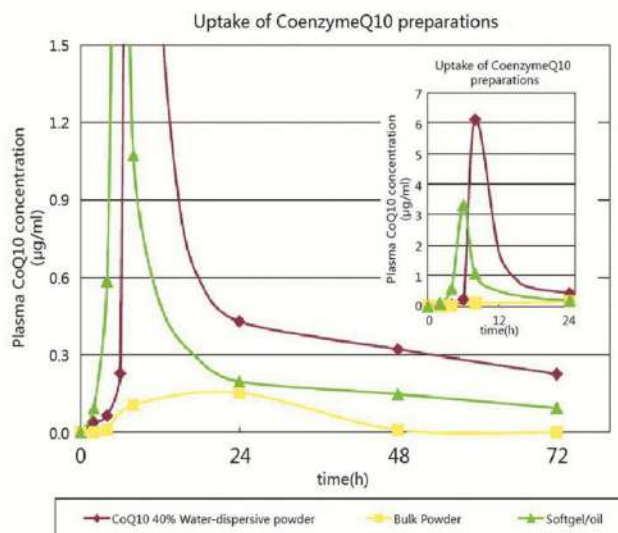
较高的生物利用度

Superior bioavailability of Coengy™ CWS Coenzyme Q10

血浆中的 CoQ10 浓度显著提高

Significantly higher plasma concentrations of CoQ10

- Coengy™ CWS CoQ10 比胶囊/油提高生物体内
- CoQ10水平的2倍
- Coenay™ CWS CoQ10 boosts CoQ10 levels in blood 2 times' higher than softgel/oil.



较快达到血浆浓度的峰值

Faster peak blood levels of CoQ10

- Coengy™ CWS CoQ10在添加后10±1h达到最高浓度，
- CoQ 10粉剂则需20±1h。
- Coenay™ CWS CoQ10 reaches maximum plasma concentrations with 10 ± 1 hours after supplementation, while CoQ10 powder needs 20 ± 1 hours.



较长的有效时间

Longer effective duration

- Coengy™ CWS CoQ10的有效持续时间可达72小时，而CoQ 10粉剂的有效持续时间为48小时。
- Effective duration of Coengy™ CWS CoQ10 can reach 72 hours, versus 48 hours for CoQ10 powder.

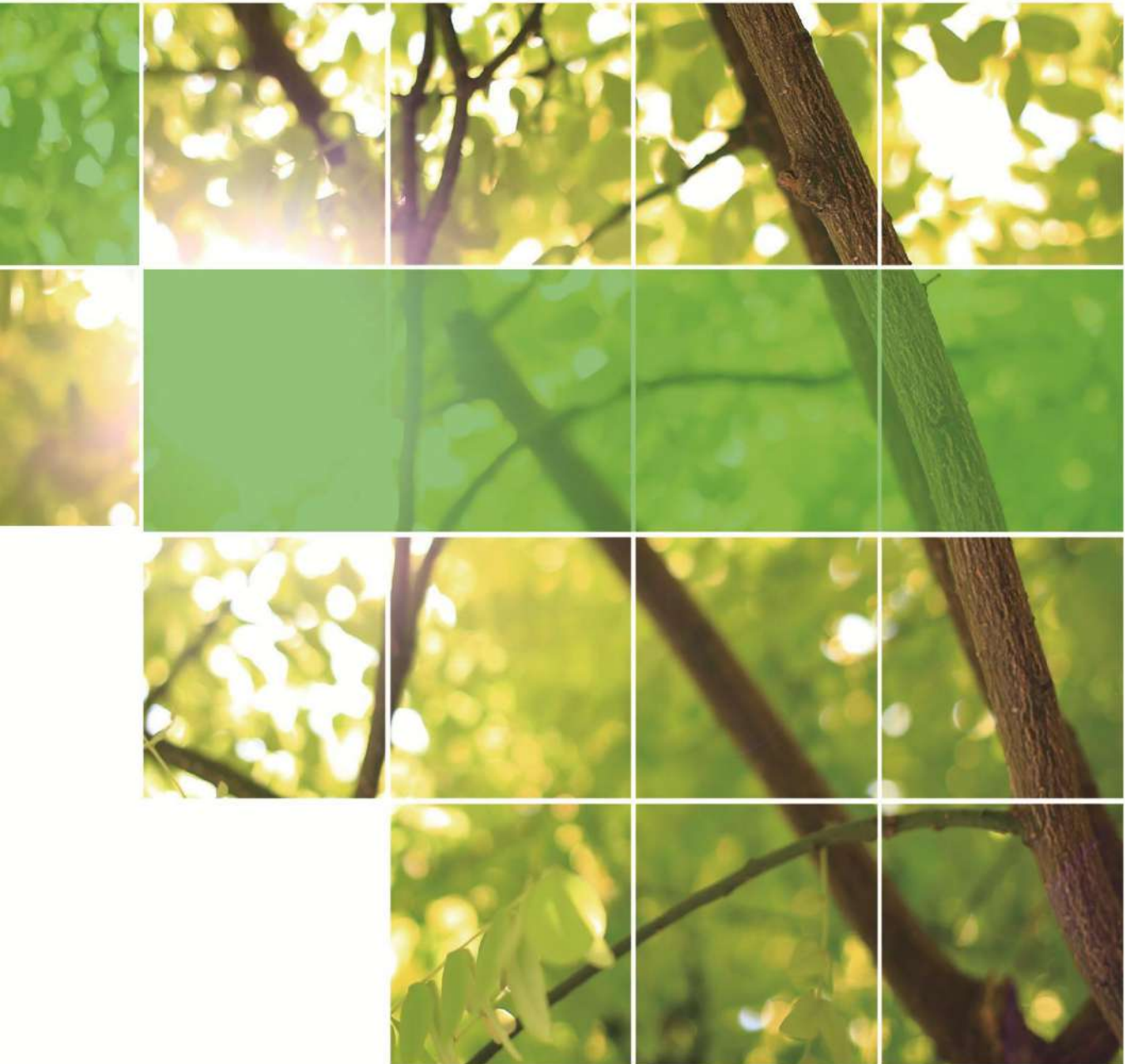


Coengy™辅酶 Q10 纳米乳液

Coengy™ Coenzyme Q10 Nano-emulsion

CoQ 10纳米乳液利用独特的乳化技术，在乳剂中稳定CoQ 10的纳米乳液液滴，每一个CoQ 10的分子都包裹在自己的亲水性微胶囊中，随着分子分散程度的提高，CoQ 10的比表面积达到最大化由于它很容易被肠道吸收。因此CoQ 10纳米乳液比其他形式的粉状的或补充的CoQ 10生物利用度高。

CoQ10 Nano-emulsion utilizes the unique emulsifying technology and stabilizes nano-emulsion droplets of CoQ10 in emulsion. With an exclusive mixing protocol, every single molecule of CoQ10 is wrapped in its own individual hydrophilic microcapsule. With complete molecular dispersion, the surface area of CoQ10 is maximized as it is readily absorbed through the gut. So CoQ10 Nano-emulsion that is more bioavailable than other forms of powdered or supplemental CoQ10.



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