

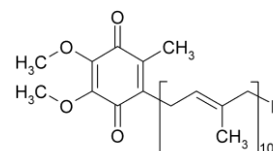
## SPECIFICATION SHEET

# Coenzyme Q10 10% CWS

CAS NO.: 303-98-0

Molecular Formula: C<sub>59</sub>H<sub>90</sub>O<sub>4</sub>

Molecular Weight: 863.36



## GENERAL CHARACTERISTICS

Description	Coenzyme Q10, also known as ubiquinone, ubidecarenone, coenzyme Q, and abbreviated at times to CoQ10, CoQ, Q10, or Q, is a 1,4-benzoquinone, where Q refers to the quinone chemical group, and 10 refers to the number of isoprenyl chemical subunits in its tail. It is produced by microorganism fermentation method. The production process is operated in GMP plant and controlled strictly by HACCP.
Appearance	Free flowing powder
Color	Yellow to orange yellow
Odor	No odor

## ANALYTICAL CHARACTERISTICS

Coenzyme Q10	10%
Solubility	Easily dispersed in cold water 15°C to form a homogeneous and stable emulsion.
Particle size	NLT 90% go through 60 mesh
Moisture	Max 5.0%
Heavy metals	Max 10ppm
Lead	Max 3ppm
Arsenic	Max 2ppm

## MICROBIAL CHARACTERISTICS

Total Plate Count	Max 1,000cfu/g
Yeast & Mold	Max 100cfu/g
Coliforms	Max 0.3MPN/g
E.Coli	Negative
Salmonella	Negative



## INGREDIENTS

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Coenzyme Q10, Modified Starch, Maltodextrin, VE oil, SiO<sub>2</sub>

## LABELING

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In the United States and the European Union: Coenzyme Q10

10% CWS

## USES RECOMMENDATIONS

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### Human Nutrition

Studies investigated many healthy benefits of Coenzyme Q10. These results provide evidence that Coenzyme Q10 is an important ingredient for functional food, beverage, and dietary supplements: Not only for elderly people, but for young and middle-aged ones too. As many consumers will ask for these enriched foods, beverages, and dietary supplements there will be a higher demand of Coenzyme Q10 in the industry for the future.

### Personal Care

Prevents oxidative effects in human skin cells;  
Protects from chronological and photoaging of dermal fibroblasts;  
Reduces the effects of photoaging;

### Pharmaceutical

## HANDING RECOMMENDATIONS

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Avoid contact with eyes. Wash thoroughly after handling. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place.

## PACKING&SHELF LIFE

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**Package** 10kg carton with two 5kg aluminum drums inside

**Shelf life** 2 years if sealed and stored properly.