

TECHNICAL DATA SHEET

Coengy™ Coenzyme Q10 Powder

10% CWS OMITZ

Chemical Properties

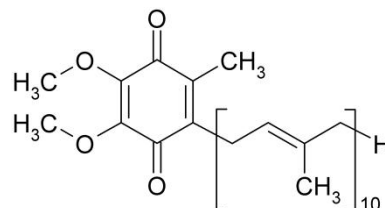
CAS No.: 303-98-0

INCI name: Ubiquinone 10

EINECS No.: 206-147-9

Chemical Formula: C₅₉H₉₀O₄

Molecular Weight: 863.36



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.

Solubility

Easy soluble in water, transparent liquid.

Specification

Item	Specification	Test Method
Appearance	Yellow free flowing powder	Visual
Coenzyme Q10 (ubiquinone)	Min 10%	In-house
Dispersibility in water	Dispersible	In-house
Particle size	Min 98% through 40 mesh	In-house
Loss on Drying	Max 5.0%	In-house
Heavy metals	Max 10ppm	In-house
Lead	Max 2ppm	GB/T 5009.75
Arsenic	Max 2ppm	GB/T 5009.76
Total Plate Count	Max 1,000cfu/g	GB 2687-2011
Yeast & Mold	Max 100cfu/g	GB 2687-2011
Coliforms	Max 0.3MPN/g	GB 2687-2011
<i>E. Coli</i>	Negative	GB 2687-2011
<i>Salmonella</i>	Negative	GB 2687-2011
<i>Staphylococcus Aureus</i>	Negative	GB 2687-2011

Ingredients

Average contain Coenzyme Q10, Colza oil, Sodium starch octenyl succinate, Maltodextrin, Tocopherols,

Sodium ascorbate.(O is short for Sodium starch octenyl succinate, M is short for Maltodextrin, I is short for Colza oil, T is short for Tocopherols, Z is short for Sodium ascorbate)

Labeling

In the United States and the European Union: Coengy™ Coenzyme Q10 10% CWS

Applications

1. There's evidence that CoQ10 may help treat heart failure when combined with conventional medications.
2. CoQ10 may lower blood pressure.
3. CoQ10 supplements may improve heart health and blood sugar and help manage high blood pressure in people with diabetes.
4. CoQ10 supplements led to faster healing and tissue repair.
5. Coenzyme Q10 may be of benefit as an ingredient for topical cosmetic products.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

Technical measures: Processing in closed systems; avoid dust formation; consider dust explosion hazard; take precautionary measures against electrostatic charging; local exhaust ventilation necessary.

Suitable materials: Stainless steel, aluminium, glass, polyethylene and enamel

Packaging, Storage & Shelf Life

Package	25kg/carton; or according to customers' requirements.
Storage	Store in a well-closed container away from moisture and direct sunlight.
Shelf Life	2 years if sealed and stored properly.