

TECHNICAL DATA SHEET

Coengy™ Coenzyme Q10 Powder

20% CWS OMITZ

Chemical Properties

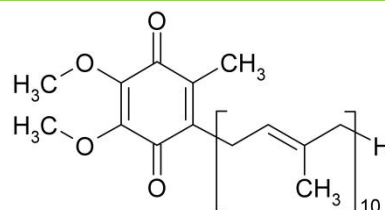
CAS No.: 303-98-0

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 20% | 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
20% 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 | 20kg carton with ten 1kg bags inside or 25kg/drum; or according to customers' requirements. |
| Storage | Keep the container tightly closed and in a cool, well-ventilated place. |
| Shelf Life | 2 years if sealed and stored properly. |