

TECHNICAL DATA SHEET

Coengy™ Reduced Coenzyme Q10

Chemical Properties

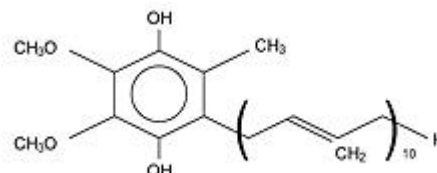
CAS No.: 992-78-9

INCI name: Ubiquinol 10

EINECS No.: 206-147-9

Chemical Formula: C₅₉H₉₄O₄

Molecular Weight: 863.37



Description

Reduced Coenzyme Q10, also known as ubiquinol. It is a reduced form of Coenzyme Q10 and it can not only provide the same effect of common forms, but also can reach higher concentrations in the blood through its super absorbent. Reduced Coenzyme Q10 has high biological utilization and antioxidant activity, greatly improving the solubility, further increased the intestinal absorption, so as to provide the remarkable whole biological utilization. It is produced by microorganism fermentation method.

Solubility

Easy soluble in water, transparent liquid.

Specification

Item	Specification	Test Method
Appearance	A white to yellow crystalline powder	Organoleptic
Odor	Odorless and no taste	Organoleptic
Identification		
IR	Corresponds qualitatively to the reference	In-house
Assay(ubiquinol)	Min 95% of C ₅₉ H ₉₂ O ₄ calculated on the anhydrous basis	In-house
Impurities	A: Ubidecarenone: Max 5.0% B: Other Related Substance : Max 1.0%	In-house
Melting Point	48.0°C~52.0°C	In-house
Water	Max 2.0%	In-house
Residue on ignition	Max 0.1%	In-house
Total Plate Count	Max 1,000cfu/g	In-house
Yeasts &Molds	Max 100cfu/g	In-house
Coliforms	Max 0.3 MPN/g	In-house
<i>E. Coli</i>	Negative	In-house
<i>Salmonella</i>	Negative	In-house

Ingredients

Pure Reduced Coenzyme Q10 (with impurities 5% max), with no any additive.

Labeling

In the United States and the European Union: Coengy™ Reduced Coenzyme Q10

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

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.

Packaging, Storage & Shelf Life

Package	1kg/aluminum bag; 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.