
















Lineup CoenzymeQ10

< Products Lineup >

Name	CoenzymeQ10 Emulsion 10%	CoenzymeQ10 Emulsion 20%	CoenzymeQ10 Water Soluble Powder 10%	CoenzymeQ10 FSP-40A	CoenzymeQ10 (Bulk Powder)
Appearance					
Packaging	1kg/Case 5kg/Case	Build-to-order manufacturing	1kg/Case	3kg/Case	1kg/Case 5kg/Case
Content	CoenzymeQ10 10%	CoenzymeQ10 20%	CoenzymeQ10 10%	CoenzymeQ10 40%	CoenzymeQ10 98-100%
Features	<ul style="list-style-type: none"> -A liquid formulation that easily dissolves in water. -Excellent acid resistance and heat resistance essential for drink production. -Clearly dissolved in water. 	<ul style="list-style-type: none"> -A liquid formulation that easily dissolves in water. -Excellent acid resistance and heat resistance. -Propose cost benefits with high content. 	<ul style="list-style-type: none"> -A powder formulation that easily dissolves in water. -Can be used for a wide range of purposes such as drinks, powdered beverages, granules, and tablets. 	<ul style="list-style-type: none"> -A high-content powder type with excellent solubility in water. -Since it dissolves quickly in water, it is ideal for powdered beverages, smoothies, and protein drinks. 	<ul style="list-style-type: none"> -Quality assurance by final processing of Chinese raw materials carefully selected in Japan. -Many achievements in supplements at home and abroad.
Product usage example	Drink  Jelly 	Drink  Jelly 	Powdered Beverages  Jelly  (Drink) 	Powdered Beverages  Jelly 	Tablet  Hard capsule (Soft capsule)

What's CoenzymeQ10?

It is a functional ingredient also called ubiquinone, and since it exhibits antioxidant activity and functions for energy production, it is expected to have beauty effects and fatigue recovery effects.

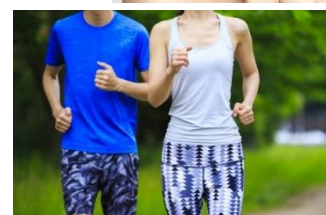
Coenzyme Q10 itself is a fat-soluble material with extremely low solubility in water, and a water-soluble preparation is required.

[Efficacy]

Anti-fatigue, anti-aging, beauty, antioxidant, anti-obesity

[General compounding amount, recommended intake]

30-100 mg / day



Linda Yokohama Oils & Fats Industry Co.,Ltd.

Address : 1-1 Minamisengencho, Nishiku, Yokohama, Kanagawa 220-0074 JAPAN

Phone : +81-45-313-8251 Fax : +81-45-314-2026 URL : <http://www.yof-linda.co.jp>

Email address for inquiries : food-3-skq@yof-linda.co.jp

CoenzymeQ10 Emulsion 10%

Functional food material water-soluble series

Feature

- Liquid formulation that dissolves easily in water
- Contains 10% Coenzyme Q10
- Excellent heat resistance and acid resistance
Stable even with heat sterilization (pH3.0, 80 °C)
- Ideal for blending into drinks, jellies, etc.

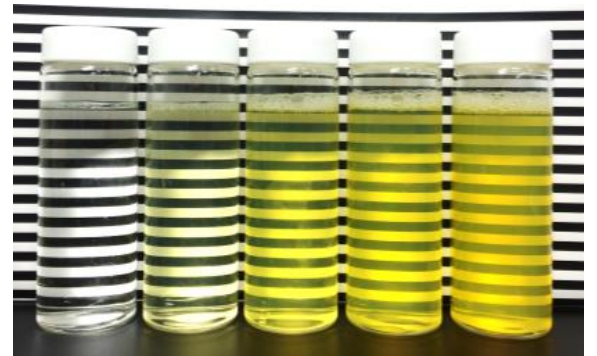
Product Appearance



CoenzymeQ10
Emulsion10%



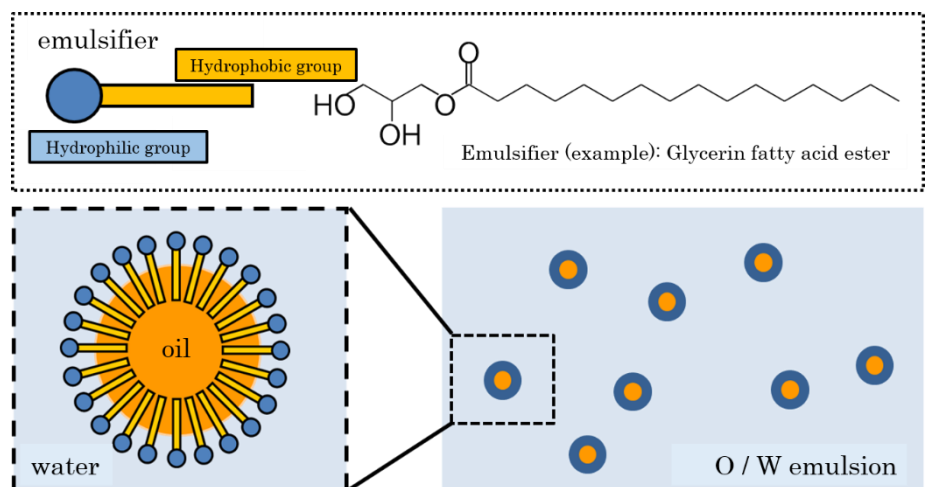
Diluted state of
CoenzymeQ10 Emulsion 10%



0mg 10mg 30mg 50mg 100mg
Amount of CoenzymeQ10 in 100 mL of water

Water-soluble (emulsified) mechanism

In water solubilization (emulsification), health and beauty ingredients are processed so that they are soluble in water using emulsifiers such as glycerin fatty acid ester. Since the difficulty of water solubilization differs depending on the ingredients, consider the amount and type of emulsifier and formulate with the optimum combination. Furthermore, the emulsified particles are refined by a homomixer and a high-pressure homogenizer.



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CoenzymeQ10 Emulsion20%

Functional food material water-soluble series

Feature

- Liquid formulation that dissolves easily in water
- High content type containing 20% or more of coenzyme Q10
- Excellent heat resistance and acid resistance
Stable even with heat sterilization (pH3.0, 80 °C)
- Ideal for blending into drinks, jellies, etc.

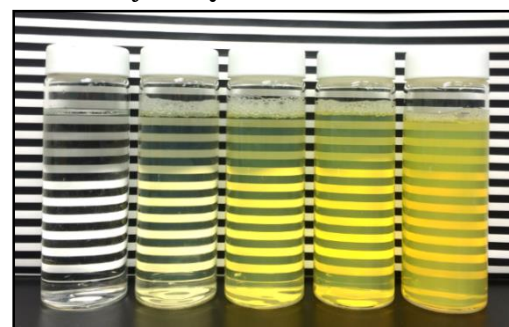
Product Appearance



CoenzymeQ10
Emulsion20%



Diluted state of CoenzymeQ10 Emulsion 20%



0mg 10mg 30mg 50mg 100mg
Amount of CoenzymeQ10 in 100 mL of water

Advantages of highly concentrated water-soluble formulations

Yokohama Oils and Fats Co.,Ltd. is working on the development of new water-solubilized formulations by utilizing the water-solubilization technology cultivated over many years.

One of them, the "high-concentration water-solubilized preparation", is a water-solubilized preparation that succeeds in designing the content of health and beauty ingredients in the preparation as high as possible. Therefore, we can reduce the cost of water solubilization processing, and provide cost advantages such as "fully compounded" and "cheaply compounded".

Example: Beauty drink (50 mL)
Includes beauty material A.



Beauty material A:
30 mg combination
Raw material cost: **3 yen**



Beauty material A:
45 mg combination
Raw material cost: **3 yen**

At the same cost,
Plenty of ingredients!
Can be differentiated
from similar products



Beauty material A:
30 mg combination
Raw material cost: **2 yen**

Because it can be blended
at low cost, Control
manufacturing costs!
Improve product margins

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CoenzymeQ10

Water Soluble Powder 10%

Functional food material water-soluble series

Feature

- Powder formulation that dissolves in water
- Contains 10% or more of coenzyme Q10
- Excellent heat resistance and acid resistance
- Stable even with heat sterilization (pH 3.0, 80 ° C)
- Ideal for blending in powdered beverages, granules, jellies, etc.

Product Appearance



CoenzymeQ10
Water Soluble Powder 10%



Diluted state of CoenzymeQ10 Water Soluble Powder 20%



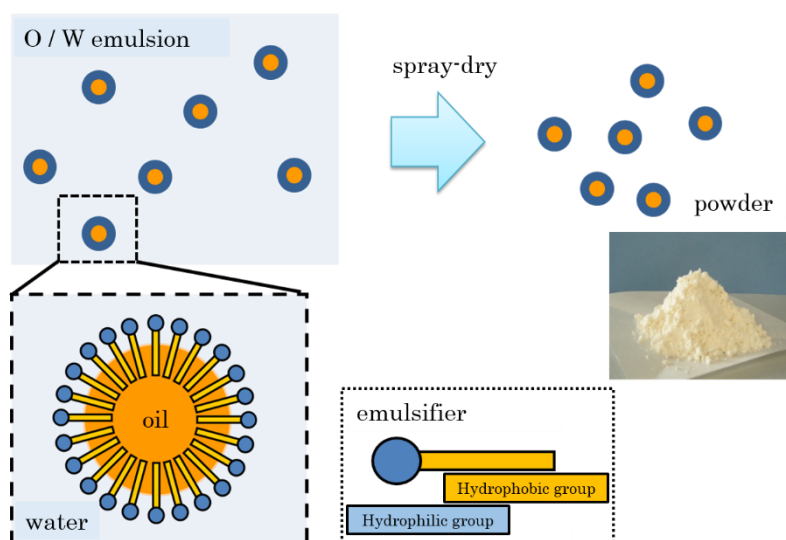
0mg 15mg 30mg 60mg
Amount of CoenzymeQ10 in 100mL of water

Mechanism of water-soluble powder

Water-soluble powder is a powdered formulation that uses emulsifying powder and wall material powder to emulsify health and beauty ingredients that are insoluble in water, and spray-dry the emulsified liquid. ...

Emulsifying powder:
Polysaccharide protein, etc.

Powder used as wall material:
Dextrin



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CoenzymeQ10 FSP-40-A

Functional food material water-soluble series

Feature

- Powder formulation that dissolves easily in water
- Contains 40% or more of Coenzyme Q10
- Powder with excellent immediate solubility
- Ideal for blending in powdered beverages and smoothies



Product Appearance



CoenzymeQ10 FSP-40-A

CoenzymeQ10 (Bulk Powder)

Functional food material water-soluble series

Feature

- Quality assurance by final processing of Chinese raw materials carefully selected in Japan.
- Many achievements in supplements at home and abroad



Product Appearance



CoenzymeQ10
(Bulk Powder)

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