

Coenzyme Q10 (with Vitamins E & C)

Specification Sheet

Description: Vitamin-like molecule (ubiquinone, ubidecarenone) obtained from plant material. Q10 is encapsulated in nano-sized liposomes consisting of a phospholipid double nano-emulsion with vitamin E and vitamin C (ascorbyl tetraisopalmitate) to maintain activity, enhance skin penetration and potency. Accompanying vitamin E and vitamin C are needed to activate coenzyme to its active state. The liposomes have an average particle size of about 50nm. Can be easily incorporated into aqueous formulas. Activity 6.8-7.3% Q10 (liposome-encapsulation largely reduces the amount of Q10 required for effectiveness as compared to non-encapsulated pure Q10). Orange-opaque liquid, faint odor.

CAS: 8002-43-5, 303-98-0, 183476-82-6, 7616-22-0, 8043-29-6, 7789-20-0, 65-85-0, 307-95-0, 59-02-9

INCI Name: Lecithin, ubiquinone, ascorbyl tetraisopalmitate, tocopherol, vegetable oil, glycerin, aqua, benzoic acid

Benefits:

- Excellent antioxidant due to vitamin E and vitamin C
- Can significantly reduce the appearance of aged skin and wrinkles. Has been found to improve appearance of aged skin
- Potent moisturizer as liposomes can penetrate into skin minimizing water-loss.
- Ideal to fight against scalp and hair aging but also to reinforce and revitalize hair

Use: Can be added to formulas as is. Add preferably at the end of the formulating process. Recommended final concentration 2-6%. For external use only.

Storage: Store refrigerated (4-8°C / 39-46°F)

Applications: Anti-aging & anti-wrinkle products, hair treatments/hair serums, pre/after sun lotions, hydrating/rejuvenating & moisturizing skin care products.

Country of Origin: Switzerland

Raw material source: Yeast and naturally coenzyme Q10 producing microbes

Manufacture: Coenzyme Q10 is produced through microbial and/or yeast fermentation. It is then formulated into a nanoemulsion combined with vitamin E and vitamin C

Animal Testing: Not animal tested

GMO: GMO free but not certified

Vegan: Does not contain animal-derived components