

SPECIFICATION

Coenzyme Q10 (EP 8.7/BP2016)

Production unit Zhejiang NHU Company Ltd.

Description

Ingredients Ubiquinone; Ubidecarenone

Formula $C_{59}H_{90}O_4$

Product code YYFM01

CAS No 303-98-0

Properties

Shelf life 36 months after production date in unopened original packaging

Aspect Yellow or orange, crystalline powder

Assay (UV) 97,0 % - 103,0 %

Melting point About 48 °C

Water content Max. 0,2 %

Sieve analysis 100 % through sieve no 80 (US)

Identification A, B A: IR meets the requirement

B: a blue colour appears

Sulphated ash Max. 0,1 %

Heavy metals Max. 10 mg/Kg

Arsenic (As) Max. 1 mg/Kg

Lead (Pb) Max. 2 mg/Kg

Mercury (Hg) Max. 0,1 mg/Kg

Cadmium (Cd) Max. 1 mg/Kg

Microbiological specs

Total plate count ≤ 1000 CFU/g

Mould and Yeast ≤ 100 CFU/g

E. coli Negative in 10 g

Salmonella spp Negative in 25 g

Residual solvents Meets the requirements

Related substances Any impurity: max. 0,5 %

Total impurities: max. 1,0 %

Impurity F: max 0,5 %

Handling

Storage

Coenzyme Q10 is sensitive to light and heat.
Store in an airtight container, protected from light.
Avoid high temperature.

Usage

for cosmetic and food industry

Transport instructions

See our latest safety data sheet.

NHU EUROPE GmbH