

SPECIFICATION

Coenzyme Q10 (EP 8.7/BP2016)

Production unit

Heilongjiang NHU Biotechnology co., 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
Solubility practically insoluble in water, soluble in acetone, very slightly soluble in anhydrous ethanol
Assay (UV) 97,0 % - 103,0 %
Assay (HPLC) > 99 %
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 (EP/USP)
B: a blue colour appears (USP)
Sulphated ash Max. 0,1 %
Heavy metals Max. 10 mg/kg
Arsenic (As) Max. 1,0 mg/kg
Lead (Pb) Max. 0,5 mg/kg
Mercury (Hg) Max. 0,1 mg/kg
Cadmium (Cd) Max. 0,5 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

Related substances Meets the requirements
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

Coenzyme Q10/YYFM01/überarbeitet und freigegeben: 160323/av

Bank account EUR
Deutsche Bank AG
DE 53 2407 0075 0019 5222 00
DEUTDE2H240

Bank account USD
Deutsche Bank AG
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