

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 (GC)

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