

SPECIFICATION

Vitamin E 50 % DC Food Grade (EP/USP)

Production unit

Xinchang NHU Vitamins

Description

Ingredients

Vitamin E Acetate 50 % DC consists of dl-alpha tocopheryl acetate (Ph. Eur./USP/FCC), gelatine, maltodextrin, glucose, gum Arabic, silicon dioxide as anti-caking agent

Synonym

dl-alpha-tocopheryl acetate, ALL-RAC-alpha-tocopheryl-acetate

Formula

C₃₁H₅₂O₃

Product code

SP05-06

CAS No

7695-91-2

Properties

Shelf life

24 months after production date in unopened original packaging

Aspect

white or light yellow free-flowing powder

Assay (UV)

≥ 50 % Tocopheryl acetate

Loss on drying

≤ 4,0 %

Solubility

Dispersible in warm water (35 – 40 °C) forming a milky emulsion

Sieve analysis

≥ 90 % through sieve no. 40 (US)
 ≤ 65 % through sieve no. 120 (US)

Identification

EP: First identification: B
 Second identification: A
 A. Thin-layer chromatography
 B. Examine the chromatograms obtained in the assay

USP: A. A bright red or orange colour develops
 B. Optical rotation: for the preparation labelled to contain all-rac-forms: -0,01 ° to +0,01 °
 C. The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the Assay

Heavy metals

Max. 10 mg/kg

Arsenic (As)

Max. 1 mg/kg

Lead (Pb)

Max. 0,5 mg/kg

Microbiological specs

Total plate count	≤ 1000 CFU/g
Mould and Yeast	≤ 100 CFU/g
Coliforms	≤ 0,3 MPN/g
Salmonella	Negative in 25 g

Handling

Usage be applied to direct compression and hard-shell capsules

Storage recommendation

In Original unopened containers at a temperature below 25 °C, once opened, use content quickly. Store in a cool, dry place

NHU EUROPE GmbH

E 50 DC/SP05-06/erstellt und freigegeben: 060423/av

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

Bank account USD
Deutsche Bank AG
DE 53 2407 0075 0019 5222 0005
DEUTDE2H240

NHU EUROPE GMBH
VAT Nr: DE 300 149 623 | Company license Nr: HRB 205610
District Court: Lüneburg/Germany
General Manager: Thomas Hoops