

SPECIFICATION

Product name Vitamin E 15 % CWS/S Food Grade (EP/USP)
Product code SP05-18
Production unit Xinchang NHU Vitamins

Description

Ingredients Vitamin E 15 % CWS/S consists of dl-alpha tocopheryl acetate, modified starch.
Synonym dl-alpha tocopheryl acetate, All-Rac-alfatocopheryl acetate
Formula C₃₁H₅₂O₃
Molecular weight 472,8 g/mol
CAS No 7695-91-2

Properties

Shelf life 24 months after production date in unopened original packaging
Aspect white to slightly yellowish powder
Assay (UV) Min. 15 % Tocopheryl acetate
Loss on drying Max. 5,0 %
Turbidity in water at 50 °C <25 NTU (0,02 % aqueous solution)
Sieve analysis Min. 60 % through sieve no. 80 (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 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
Staphylococcus aureus	Negative in 25 g
Salmonella	Negative in 25 g

Handling

Usage for food industry

Storage recommendation In Original unopened containers at a temperature below 25 °C

NHU EUROPE GmbH