

SPECIFICATION

Vitamin E 95 % Feed Grade

Description

Ingredients

Feed additive consists of all-rac-alpha tocopheryl acetate (3a700).

Synonym

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

Formula

$C_{31}H_{52}O_3$

Product code

SLECO1

CAS No.

7695-91-2

Properties

Shelf life

36 months after production date in unopened original packaging

Appearance

Light yellow to greenish-yellow viscous oily liquid

Identification

The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the assay

Assay (GC)

≥ 95,0 %

Free Tocopherol

Consumption of 0,01N cerous sulfate titration solution max. 1,0ml per 0,1g

Refractive (20°C)

1,494 – 1,499

Acid value

Consumption of 0,1N sodium hydroxide titration solution max. 1,0 ml per 1,0g

Absorbance ratio

41,0 – 45,0 at 284 nm

Optical rotation

0° ±0,05°

Heavy metals

Arsenic (As)

≤ 10 mg/Kg

Lead (Pb)

≤ 1 mg/Kg

Cadmium (Cd)

≤ 2 mg/Kg

Mercury (Hg)

≤ 1 mg/Kg

≤ 0,1 mg/Kg

Handling

Usage and Dosage

as per latest version of European
feedstuff law

Storage

Store in tightly closed, original packaging, protected
from light, in a dry place

Stability

Vitamin E acetate is resistant to heat and oxygen
It is sensitive to alkalis, by which it is hydrolysed, and
strong oxidizing agents

NHU EUROPE GmbH

E 95/SLECO1/freigegeben: 121023/hky