

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 0,01 N cerous sulfate tritration solution max. 1,0 ml per 0,1 g

Refractive (20°C)

1,494 – 1,499

Acid value

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

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

Transport instructions

See our latest safety data sheet

NHU EUROPE GmbH