



NHU EUROPE GmbH, Daimlerstrasse 14-16, D-21357 Bardowick

TO WHOM IT MAY CONCERN

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## SPECIFICATION

### Vitamin E 95 % Feed Grade

#### Ingredients

Description

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 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)

Min. 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 metal

Max. 10 mg/Kg

Arsenic (As)

Max. 1 mg/Kg

Lead (Pb)

Max. 2 mg/Kg

Mercury (Hg)

Max. 0,1 mg/Kg



## **Handling**

### 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

### Usage and Dosage

as per latest version of European feedstuff law.

## **NHU EUROPE GmbH**