



## 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

SLEC01

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 titration 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

≤ 1 mg/kg

Lead (Pb)

≤ 2 mg/kg

Cadmium (Cd)

≤ 1 mg/kg

Mercury (Hg)

≤ 0,1 mg/kg



**ANIMAL  
NUTRITION**

Exploring chemicals, improving life.

Phone: +49(0)4131-580 88 00  
info@nhu-eu.com · [www.nhu-eu.com](http://www.nhu-eu.com)

Version: 7.00.0004  
Date: 26.03.2025

## Handling

Usage and Dosage

as per latest version of European feedstuff law. Mostly stable during thermal processing, depending on the temperature.

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

