

**ANIMAL
NUTRITION**

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info@nhu-eu.com · www.nhu-eu.comVersion: 11.01.0006
Date: 04.03.2026

SPECIFICATION

Vitamin E Acetate 98 %

Production site

Zhejiang NHU Company

Description

Synonym

DL-alpha-tocopheryl acetate,
All-rac-alpha-tocopheryl acetate (3a700)

Formula

 $C_{31}H_{52}O_3$

Product code

YYEJ02

CAS No

7695-91-2

Properties

Shelf life

36 months after production date in unopened original packaging

Appearance

Clear, colourless to slightly yellow or greenish-yellow, viscous, oily liquid

Solubility

Practically insoluble in water, freely soluble in acetone, in anhydrous ethanol and in fatty oils, soluble in ethanol (96 %)

Assay (GC)

96,5 % - 102 %

First Identification

A, B (EP)

Second Identification

A, C (EP)

Acid Value

Max. 1,0 ml of 0,10 N sodium hydroxide

Sulphated ash

Max. 0,10 %

Heavy metals

Arsenic (As)

 $\leq 1 \text{ mg/kg}$

Lead (Pb)

 $\leq 0,5 \text{ mg/kg}$

Mercury (Hg)

 $\leq 0,1 \text{ mg/kg}$

Cadmium (Cd)

 $\leq 0,5 \text{ mg/kg}$

Handling

Usage

Product can be used as feed additive (3a700), dosage in feed: as per latest version of European feedstuff law. Mostly stable during thermal processing, depending on the temperature.

Stability

Vitamin E acetate is stable to air and heat, but sensitive to light and alkalis.



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Storage

Store in cool and dry place in original unopened containers.

Transport

See latest safety data sheet

NHU EUROPE GmbH



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SPECIFICATION

(complying to USP)

Product name
Product code
Production site**Vitamin E Acetate 98 %**
YYEJ02
Zhejiang NHU Company

Description

SynonymDL-alpha-tocopheryl acetate,
All-rac-alpha-tocopheryl acetate (3a700)**Formula** $C_{31}H_{52}O_3$ **Molecular weight**

472,8 g/mol

CAS No

7695-91-2

INCI

Tocopheryl acetate

Properties

Shelf life36 months after production date in unopened original
packaging**Aspect**Clear, colourless to slightly yellow or greenish-yellow,
viscous, oily liquid**Assay (GC)**

Min. 98 %

Identification A, B, C

A: Colour reaction: red or orange

B: Optical rotation

C: The retention time of the major peak for alpha
tocopherol of the sample solution corresponds to that
of the standard solution, as obtained in the Assay.**Optical Rotation**

- 0,01° to + 0,01 °

Acid Value

Max. 1,0 ml of 0,10 N sodium hydroxide

Sulphated ash

≤ 0,10 %

Heavy metals

≤ 10 mg/kg*

Arsenic (As)

≤ 1 mg/kg*

Lead (Pb)

≤ 0,5 mg/kg*

Mercury (Hg)

≤ 0,1 mg/kg*

Cadmium (Cd)

≤ 0,5 mg/kg*

* Test verified on random samples

Residual Solvents

Conform to USP requirements





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Handling Stability

Vitamin E acetate is stable to air and heat, but sensitive to light and alkalis.

Usage

food and cosmetic industry

product can also be used as feed additive (3a700),
dosage in feed: as per latest version of European
feedstuff law.

Storage

Material needs to be stored in the original unopened
packing, protected from light in a dry place.

Transport instructions

See our latest safety data sheet

NHU EUROPE GmbH

