

Vitamin E Acetate Food

Chemical names of active ingredient

all-rac- α -tocopheryl acetate,
DL- α -tocopheryl acetate,
DL-alpha-tocopherol acetate, all-rac-alpha-tocopherol
acetic acid ester, racemic 5,7,8-trimethyltolcol acetate

CAS-No. 7695-91-2

EINECS-No. 231-710-0

PRD-No. 30804037

Articles

50791775	4 x 5 kg plastic can in box
50791778	25 kg plastic bucket
50791777	190 kg steel drums
50791776	900 kg composite IBC

Country of origin

Germany

Units

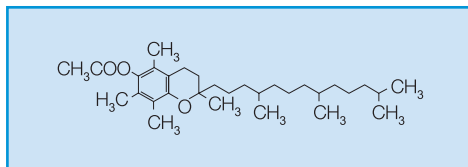
1 mg All-rac- α -tocopheryl acetate
= 0.455 mg D (=RRR)- α -tocopherol equivalent
= 1 International Unit (IU)

Description

Light-yellow, viscous, virtually odorless oil.
The product is packed under inert gas.

Product Properties

Soluble in hydrocarbons, alcohols, fats, and oils;
insoluble in water.



Molecular formular: $C_{31}H_{52}O_3$

Molar mass 472.8 g/mol

Specification

Assay accord. to Ph.Eur.	min. 96.5% DL (=all-rac)- α -tocopheryl acetate (= 965 mg/g vitamin E)
	max. 102.0% DL (=all-rac)- α -toco- pheryl acetate (= 1020 mg/g vitamin E) accord. USP
	min. 96.0% DL (=all-rac)- α -tocopheryl acetate (= 960 mg/g vitamin E)
	max. 102.0% DL (=all-rac)- α -tocopheryl acetate (=1020 mg/g vitamin E)

Standards

The product is kosher and halal.

The product complies with the acceptance criteria
specified in the current individual Ph. Eur. mono-
graph for all-rac-alpha-tocopheryl acetate, USP
monograph for Vitamin E and FCC monograph for
all-rac-alpha-tocopheryl acetate.

For further information see separate document:
"Product Specifications" (not for regulatory
purposes).

Regulations

The product meets the regulatory requirements for a vitamin E source in most countries. However, regulations on the product in the respective countries and for its intended use have to be checked.

Shelf life & Stability

In contrast to vitamin E-alcohol, vitamin E-acetate is resistant to heat and oxygen. It is not resistant to strong oxidizing agents or to alkalis because it undergoes saponification. Stored in its unopened original packaging at room temperature (not above 25 °C), the product is stable for at least 36 months.

Storage & Handling

The product should be stored tightly sealed in a dry place at temperatures not above 25 °C. After opening of the product, it should be resealed under inert gas.

Applications

Dietary supplements:

Suitable for use in dietary supplements with a lipophilic base, e.g., soft gelatin capsules, as well as in aqueous preparations, e.g., syrups, drops.

Food products:

Suitable for the fortification of fats, e.g., in regular and low-fat margarine as well as in oils and fat-containing foods, such as cakes, biscuits, and dairy products.

Safety

Vitamin E Acetate Food must be handled in accordance with the Safety Data Sheet.

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