

# Vitamin E Acetate Pharma

Vitamin E (*all-rac*-alpha-tocopheryl acetate) oil, pure

## Chemical name(s) of active ingredient

Vitamin E acetate, *all-rac*-alpha-tocopheryl acetate, DL-alpha-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

30777580

## Articles

50748656	4x5 kg fibreboard boxes
50731401	25 kg plastic drums
50731350	190 kg steel drums
50748657	0.1 kg aluminum drums

## Units

1 International Unit (IU) = 1 mg DL (= *all-rac*)-alpha-tocopheryl acetate = 0.455 mg D (= RRR)-alpha-tocopherol equivalent

## Description

Viscous, light yellow oil. The product is packed under inert gas.

## Benefits

Vegetarian/vegan<sup>1</sup>, kosher, halal, allergen-free<sup>2</sup>, gluten-free<sup>3</sup>

## Composition

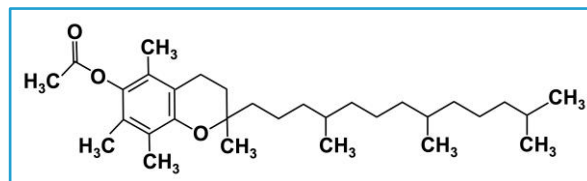
*All-rac*-alpha-tocopheryl acetate (DL-alpha-tocopheryl acetate)

## Solubility

Soluble in hydrocarbons, alcohols, fats and oils. Insoluble in water.

## Specification

Assay <i>all-rac</i> -alpha-tocopheryl acetate	min. 98.0% (= 980 mg/g vitamin E) max. 102.0% (= 1020 mg/g vitamin E)
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**C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>**

**472.8 g/mol**

For further information see *Product Specification* (not for regulatory purposes) available in BASF's Human Nutrition Virtual Assistants:

<https://nutritionvirtualassistants.basf.com>

## Regulations

For quality documentation and compliance please see *Quality & Regulatory Product Information* and *Product Specification*. The product meets the regulatory requirements for a vitamin E source in most countries. It is the obligation of the user to check the regulations on the ingredients used in the respective countries and for the intended use.

## Stability and storage

In contrast to vitamin E-alcohol (*all-rac*-alpha-tocopherol), vitamin E-acetate is resistant to heat and oxygen. It is not resistant to strong oxidizing agents. Furthermore, in case it is exposed to alkalis and acids it may undergo saponification leading to the formation of *all-rac*-alpha-tocopherol which is highly sensitive to oxygen. It needs to be stored in a light-proof and airtight container. Stored in its unopened, original packaging at temperatures not above 25 °C, in a dry place, the product is stable for at least 36 months.

## Handling

It is recommended to use up the remaining contents quickly once the package has been opened.

## Applications

For preparations with a lipophilic base, e.g., softgels, syrups and emulsions, ointments and creams, but also for other matrices, e.g., in gummies or drops. Suitable for use in applications where an active pharmaceutical ingredient (API) is required and a European ASMF and CEP is accepted.

Suitability of these applications is presented based solely on technical feasibility. Local prevailing legal or regulatory requirements are not considered and should be observed separately.

**Note**

The product must be handled in accordance with the *Safety Data Sheet*.

<sup>1</sup> According to International Standard ISO 23662 on definitions and technical criteria for foods and food ingredients suitable for vegetarians or vegans and for labelling and claims.

<sup>2</sup> No labeling requirements with regard to allergens according to EU regulation (EC) No 1169/2011 (as amended) and the US Food Allergen Labeling and Consumer Protection Act (FALCPA).

<sup>3</sup> No ingredients used containing gluten. However, products are not explicitly tested on gluten.

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