

# Dry Vitamin E Acetate 50 DC GFP N

## Chemical names of active ingredient

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-No.**  
30735626\*

\* The product is kosher and halal.

## Article

50655018 25 kg bag in box

## Country of origin

Denmark

## Units

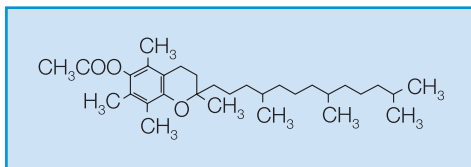
1 mg DL (=all-rac)- $\alpha$ -tocopheryl acetate  
= 0.455 mg D (=RRR)- $\alpha$ -tocopherol equivalent  
= 1 International Unit (IU)

## Description

Free-flowing, creamy-white, virtually odor-  
less powder, consisting of spherical particles.  
Some white starch particles may be visible.

## Composition

Ingredients in descending order of weight:  
DL-alpha-tocopheryl acetate (vitamin E-acetate),  
starch sodium octenyl succinate (E 1450), sucrose,  
corn starch, tricalcium phosphate (E 341)



$C_{31}H_{52}O_3$

Molar mass 472.8 g/mol

## Specification

Assay	min. 50.0% DL (=all-rac)- $\alpha$ -tocopheryl acetate (= 500 mg/g vitamin E)
	max. 57.5% DL (=all-rac)- $\alpha$ -tocopheryl acetate (= 575 mg/g vitamin E)

For further information see separate document:  
"Standard Specification" (not for regulatory  
purposes) available via BASF's WorldAccount:  
<https://worldaccount.basf.com> (registered access).

## Monographs

Dry Vitamin E Acetate 50 DC GFP N meets  
the requirements of the current " $\alpha$ -tocopheryl  
acetate concentrate (powder form)" Ph. Eur.  
and "Vitamin E preparation" USP monographs.  
Furthermore, the included active ingredient  
Vitamin E Acetate complies with the specification  
requirements stipulated in the current "all-rac-  
 $\alpha$ -tocopheryl acetate" Ph. Eur., "Vitamin E"  
USP and "all-rac- $\alpha$ -tocopheryl acetate" FCC  
monographs.

## Regulations

The product meets the regulatory requirements  
for a vitamin E source in most countries. How-  
ever, regulations on the ingredients used in the  
respective countries and for the intended use have  
to be observed.

### **Bulk density**

Approx. 0.7 g/ml

### **Stabilization/Stability**

Stored in its original packaging at room temperature (max. 25 °C), the product is stable for at least 36 months.

### **Storage**

The product should be stored in the original packaging in a dry place at room temperature (below 25 °C).

### **Applications**

#### Dietary supplements:

The product has been designed for the direct compression of multivitamin mineral tablets as well as hard-shell capsules. It is also suitable for both chewable and effervescent tablets and sugar- or film-coated tablets.

#### Food products:

The product is suitable for use in many different food products. Regulatory provisions for the use of tricalcium phosphate (E 341) in the different product categories have to be considered. The product is gelatine-free and particularly suitable for vegetarian foods.

### **Note**

Dry Vitamin E Acetate 50 DC GFP N must be handled in accordance with the Safety Data Sheet.

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