

Vitamin E 500 FG

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.
30079657*

* The product is kosher and halal.

Article

52807491 25 kg bag in box

Country of origin

Manufactured in the USA from ingredients of
Domestic and Imported origin.

Units

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

Description

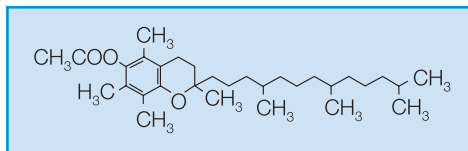
White to creamy-white powder with a characteristic
mild odor.

Composition

Ingredients in descending order of weight:
DL-alpha-tocopheryl acetate, modified starch,
silicon dioxide.

Solubility

The product readily disperses in either cold (10 °C)
or warm water, to form a stable cloudy dispersion.



$C_{31}H_{52}O_3$

Molar mass 472.8 g/mol

Specification

Assay min. 50.0% DL (=all-rac)- α -tocopheryl
acetate (= 500 mg/g vitamin E)
max. 60.0% DL (=all-rac)- α -tocopheryl
acetate (= 600 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

The included active ingredient complies with
the specification requirements stipulated in the
current monographs: "all-rac-alpha-tocopheryl
acetate" Ph.Eur., "Vitamin E" USP and "all-rac-
alpha-tocopheryl acetate" FCC.

Regulations

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

Bulk density

0.4 – 0.5 g/ml

Stability

Stored in its unopened original packaging at room
temperature (max. 25 °C), the product is stable
for at least 24 months.

Storage/Handling

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

Applications

Food products:

The product is designed for use in food applications, dry premixes, and products requiring rapid and complete water dispersibility, such as instant beverages.

Note

Vitamin E 500 FG must be handled in accordance with the Safety Data Sheet.

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