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Dry Vitamin E-Acetate 50% DC

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-trimethyltocol acetate

CAS-No.	7695-91-2
EINECS-No.	231-710-0

PRD-No.
30041051

Article

50051053	25 kg bag in box

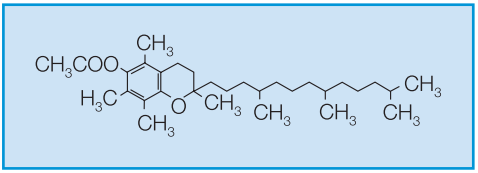
Country of origin
Denmark

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

Description
Free-flowing powder, almost white, virtually odorless, consisting of spherical particles.

Composition
Ingredients in descending order of weight: DL-alpha-tocopheryl acetate, corn starch, gelatin, sucrose, sodium aluminum silicate.

Solubility
Dispersible in warm water (35 – 40 °C), to form a milky emulsion. Insoluble particles may be visible.



$C_{31}H_{52}O_3$ **Molar mass 472.8 g/mol**

Specification

Assay	min. 50.0% DL (=all-rac)-α-tocopheryl acetate (= 500 mg/g vitamin E) max. 57.5% DL (=all-rac)-α-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 meets the specification requirements of the current monographs: 'alpha-tocopheryl acetate concentrate (powder form) Ph. Eur., 'Vitamin E preparation' USP. Furthermore, the included active ingredient complies with the specification requirements stipulated in the current monographs: 'all-rac-alpha-tocopheryl acetate' Ph. Eur., 'Vitamin E' USP, '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
Approx. 0.5 g/ml

Stability
The stability of Dry Vitamin E-Acetate 50% DC is excellent even in the presence of minerals. Stored in its original packaging at room temperature (max. 25 °C), the product is stable for at least 36 months.

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

Applications
Dietary supplements:
The product has been developed for the direct compression of high-dosage chewable tablets and for sugar- or film-coated vitamin E tablets. It is also very suitable for multivitamin/mineral tablets as well as hard gelatin capsules.

Note
Dry Vitamin E-Acetate 50% DC must be handled in accordance with the Safety Data Sheet.