

## TECHNICAL DATA SHEET

# Tocobest™ D-α-Tocopheryl Acetate Oil

## 1300IU m

### Chemical Properties

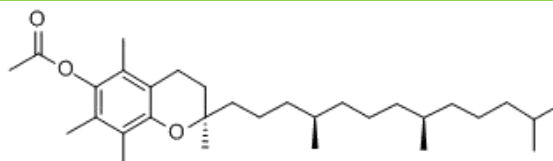
CAS No.: 58-95-7

EINECS No.: 200-405-4

INCI Name: Tocopheryl Acetate

Chemical Formula: C<sub>31</sub>H<sub>52</sub>O<sub>3</sub>

Molecular Weight: 472.75



### Description

Tocobest™ D-alpha-tocopheryl Acetate is acetate ester of D-alpha-tocopherol. It's made from soybean oil distillate with a complex technics. It has a much greater stability than unesterified tocopherols and has no immediate antioxidant properties. It will be hydrolyzed to free tocopherol by human body. Pure D-alpha-tocopheryl Acetate is 1360IU/g. Tocobest™ D-alpha-tocopheryl Acetate 1300IU is also called Tocobest™ D-alpha-tocopheryl Acetate 95.59%.

### Solubility

It is insoluble in water, but soluble in ethanol, gasoline, ethyl and vegetable oil.

### Specification

Item	Specification	Test Method
Appearance	Viscous oily liquid	Organoleptic
Color	Pale yellow	Organoleptic
Specific optical rotation:	Min +24°	USP<781>
Assay	Min 95.59% Min 1300IU	USP
Acidity	Max 0.5ml	HPLC
Free Tocopherols	Max 1.0%	USP
Heavy Metals	Max 10ppm	USP
Total Plate Count	Max 1000 CFU/g	USP<61>
Yeasts& Molds	Max 100 CFU/g	USP<61>
<i>E.Coli</i>	Negative	USP<61>
<i>Salmonella</i>	Negative	USP<61>
<i>Staphylococcus</i>	Negative	USP<61>

### Ingredients

D-alpha-tocopheryl acetate NLT 95.59% and refined soybean oil LMT 4.41%. (m is short for soybean oil)

## Labeling

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In the United States and the European Union: Tocobest™ Vitamin E Oil

D-alpha-Tocopheryl Acetate 1300IU

## Applications

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Used for fortification of margarine, oil and fat, nutrition products and baby food, also used in soft capsules and cosmetic products.

## Safety

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This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

## Handling recommendations

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Keep container in a cool, well-ventilated area. Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/vapor/spray. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents.

## Packaging, Storage & Shelf Life

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Package 20kg/drum, 50kg/drum. Or according to customers' requirements.

Storage Keep container tightly closed. Keep container in a cool, well-ventilated area.

Shelf Life The product may be stored for 24 months if sealed and stored properly.