

TECHNICAL DATA SHEET

Tocobest™ D-α-Tocopheryl Acetate Oil

1200IU J

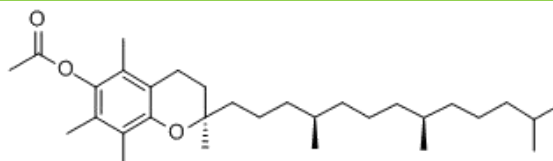
Chemical Properties

CAS No.: 58-95-7

EINECS No.: 200-405-4

Chemical Formula: C₃₁H₅₂O₃

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.

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
Identification	Infrared absorption spectrophotometry obtained by the substance to be examined conforms to that obtained by the reference substance. Specific optical rotation: +0.05° ~+0.10°	EP
Assay	Min 88.24% Min 1200IU	EP
Acid Value	Max 2mgKOH/g	EP
Free Tocopherols	Max 1%	EP
Sulphated Ash	Min 0.1%	EP
Residual solvents		
Hexane	Max 290ppm	EP
Toluene	Max 890ppm	EP
Heavy Metals	Max 10ppm	EP
Total plate count	Max 1000 CFU/g	EP
Yeast & mold	Max 100 CFU/g	EP

<i>E. Coli</i>	Negative	EP
<i>Salmonella</i>	Negative	EP

Ingredients

D-alpha-tocopheryl acetate NLT 88.24% and sunflower oil LMT 11.76%. (J is short for sunflower oil)

Labeling

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

D-alpha-Tocopheryl Acetate 1200IU

Applications

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

Safety

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

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

Package	25kg/drum; Or according to customers' requirements.
Storage	Store in cool and dry place. It should be protected from heat, light, oxygen and moisture. Keep the container tightly closed. Once opened, use out quickly.
Shelf life	2 years if sealed and stored properly.