

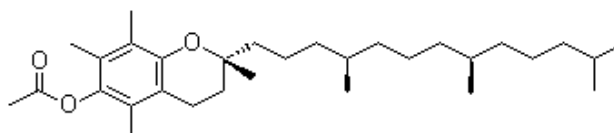
SPECIFICATION SHEET

Tocobest™ D-alpha-tocopherylacetate 1000IU

CAS: 58-95-7

Chemical Formula: C₃₁H₅₂O₃

Molecular Weight: 472.75



GENERAL CHARACTERISTICS

Description	Vitamin E acetate, also called tocopherol acetate, is a dry form of vitamin E that is commonly referred to as tocopherols. The acetate form is an ester, which has a much greater stability than unesterified tocopherols. One of the principle differences between the dry and oil forms of this vitamin is that the former has no immediate antioxidant properties. An antioxidant is a substance present in many all natural foods that are rich in nutrients. They help to retard the aging of cells and play a vital role in protection against free radicals.
Appearance	Viscous oily liquid
Color	Pale yellow

ANALYTICAL CHARACTERISTICS

Identification	Infrared absorption spectrophotometry obtained by the substance to be examined conforms to that obtained by the reference substance.
Absorbance	Specific optical rotation: Min +24° Maximum absorbance(284nm) 42-45 Minimum absorbance(254nm) 7.0-9.0
Assay	Min 73.52%(Min 1000 IU/g)
Acid Value	Max 2mgKOH/g
Free Tocopherols	Max 1%
Heavy metals	Max 20ppm
Sulphated Ash	Min 0.1%
Residual solvents	
Hexane	Max 290ppm
Toluene	Max 890ppm
Heavy Metals	10ppm Max



MICROBIAL CHARACTERISTICS

Total plate count	Max 1000 CFU/g
Yeast & mold	Max 100 CFU/g
<i>E. Coli</i>	Negative
<i>Salmonella</i>	Negative
<i>Staphylococcus</i>	Negative

INGREDIENTS

D-alpha-tocopheryl acetate NLT 73.52% and refined soybean oil LMT 26.48%

LABELING

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

D-alpha Tocopheryl Acetate 1000IU

USES RECOMMENDATIONS

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

HANDING RECOMMENDATIONS

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.

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

PACKING&SHELF LIFE

Package 20kg/drum, 50kg/drum.

Shelf life 2 years if sealed and stored properly.