

TECHNICAL DATA SHEET

Tocobest™ D-α-Tocopheryl Acetate Powder

700IU N

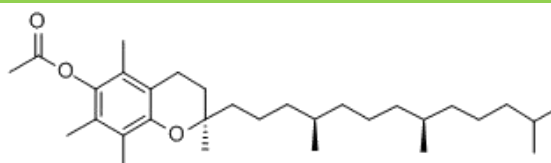
Chemical Properties

CAS No.: 58-95-7

EINECS No.: 200-405-4

Chemical Formula: C₃₁H₅₂O₃

Molecular Weight: 472.75



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.

Solubility

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

Specification

Item	Specification	Test Method
Appearance	Free-flowing powder	Visual
Color	Milk-white	Visual
Assay	Min 51.5% Min 700 IU/g	USP<621>
Specific rotation	Min +24°	USP<781>
Acidity	Max 0.5ml	USP
Loss on drying	Max 5%	USP<731>
Heavy metals (as Pb)	Max 10 ppm	USP<231>
Total Plate Count	Max 1000 CFU/g	USP<2021>
Yeasts & Molds	Max 25 CFU/g	USP<2021>
Coliforms	Max 40 MPN/100g	USP<2021>
<i>Salmonella</i>	Negative	USP<2022>
<i>Staphylococcus</i>	Negative	USP<2022>

Ingredients

D-alpha-tocopheryl acetate 51.5% min, with SiO₂ 48.5% max as carrier. (N is short for SiO₂)

Labeling

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

D-alpha-Tocopheryl Acetate Powder 700IU

Applications

Used in dietary supplement, or low content tablets and hard-shell capsules.

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	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.