

TECHNICAL DATA SHEET

Tocobest™ D-α-Tocopheryl Succinate

1210IU

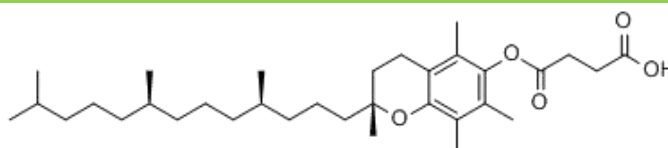
Chemical Properties

CAS No.: 4345-03-3

EINECS No.: 224-403-8

Chemical Formula: C₃₃H₅₄O₅

Molecular Weight: 530.78



Description

D-alpha-Tocopheryl Succinate 1210IU is the esterified product of d-alpha-tocopherol and succinic acid. It is made from soybean oil deodorized distillate oil with a complex technique.

Solubility

It is insoluble in water, but soluble in propanone, ethyl alcohol, acetic ether, and oil.

Specification

Item	Specification	Test Method
Appearance	White to almost white crystalline powder or granular	Visual
Odor	Almost odorless	Visual
Identification	A. Positive B. Corresponds to R.S. sample	USP
Density	0.45~0.60 g/cm ³	USP<616>
Melting point	73°C~78°C	USP<741>
Specific rotation	Min +24°	USP<781>
Assay	96%~102% (1162~1234IU/g)	USP
Acid Value	18.0~19.3ml	USP
Heavy metals	Max 10ppm	USP<231>
Total Viable Aerobic Count	Max 1000 CFU/g	USP<61>
Yeasts & Molds	Max 100 CFU/g	USP<61>
Enterobacteria	Max 10 CFU/g	USP<61>

Ingredients

Pure D-alpha-tocopheryl Succinate

Labeling

In the United States and the European Union: Tocobest™ Vitamin E Powder
D-alpha-Tocopheryl Succinate 1210IU

Applications

Suitable for manufacturing 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.