

TECHNICAL DATA SHEET

Tocobest™ DL-alpha-Tocopherol Acetate Powder 50% TAB hNrs

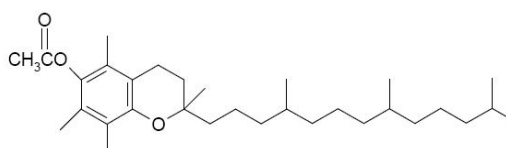
Chemical Properties

CAS No.: 7695-91-2

EINECS No.: 231-710-0

Chemical Formula: C₃₁H₅₂O₃

Molecular Weight: 472.75



Description

Tocobest™ DL-alpha-Tocopherol Acetate Powder 50% TAB is an almost-white to light yellow free-flowing powder, manufactured with spray drying adopting the advanced microencapsulation technology. The individual particles containing dl-alpha-tocopheryl acetate are finely dispersed in gelatin.

Solubility

It is easy soluble in warm water (40°C).

Specification

Item	Specification	Test Method
Appearance	Almost-white to light yellow free-flowing	Visual
Identification		
Coloration reaction	Positive	USP
Optical rotation	To conform	USP<781>
GC	Conforms to the reference solution	USP<621>;EP2.2.28
TLC	The position and size of the principal spot corresponds to that of the reference solution	EP2.2.27
Assay	Min 50.0%	USP<621>;Ph.Eur.2.2.28
Loss on drying	Max 5.0%	USP<731>;Ph.Eur.2.2.32
Heavy metals(as Pb)	Max 10ppm	USP<231>II;Ph.Eur.2.4.8
Arsenic	Max 3ppm	ICP-MS
Lead	Max 2ppm	ICP-MS
Cadmium	Max 1ppm	ICP-MS
Mercury	Max 0.1ppm	ICP-MS

Ingredients

Contain DL-alpha-Tocopheryl Acetate 50%, Gelatin 47.7%, Silicon Dioxide 2.0% , Sodium Benzoate 0.2%, Sorbic Acid 0.1%.(h is short for gelatin,N is short for silicon dioxide, r is short for sodium benzoate, s is short for sorbic acid)

Labeling

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

Tocobest™ DL-alpha-Tocopherol Acetate Powder 50% TAB Nhrs

Applications

Vitamin E is a strong antioxidant, helps prolong the life of red blood cells and plays an essential role in cellular respiration. It protects biological membranes including those found in the cardiovascular system, nerves and muscles. Vitamin E helps the body effectively use and store vitamin A and protects B-complex and vitamin C from oxidation reactions. It is a vasodilator and plays an important role in intermittent claudication, thrombotic disease, immune function, protection of lipoproteins from oxidation, cardiovascular disease prevention, cancer prevention, and helps protect against environmental pollutants and cigarette smoke.

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

In contrast to vitamin E alcohol, vitamin E acetate is very stable to heat and oxygen. It is unstable to alkalis (hydrolysis) and oxidants.Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene.

Packaging, Storage &Shelf Life

Package	20kg/carton;or according to customers' requirements.
Storage	It should be protected from light, heat, oxygen and moisture. Keep the container tightly closed.
Shelf Life	The product may be stored for 2 years from the date of manufacture in the unopened original container and at room temperature.