

TECHNICAL DATA SHEET

Tocobest™ DL-alpha-Tocopheryl Acetate Powder 50% CWS ON

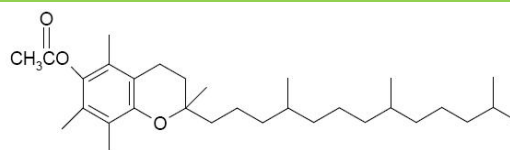
Chemical Properties

CAS No.: 7695-91-2

EINECS No.: 231-710-0

Chemical Formula: C₃₁H₅₂O₃

Molecular Weight: 472.75



Description

Tocobest™ DL-alpha-Tocopheryl Acetate Powder 50% CWS ON is an almost-white or white free-flowing powder, manufactured with spray drying adopting the advanced microencapsulation technology. The individual particles containing dl-alpha-tocopheryl acetate are finely dispersed in carbohydrate.

Solubility

It is soluble in cold water.

Specification

Item	Specification	Test Method
Appearance	White to almost-white free-flowing powder	Visual
Identification		
Coloration reaction	Positive	USP
Optical rotation	Meet the requirement of USP	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%	GC, USP<621>;EP2.2.28
Loss on drying	Max 5.0%	USP<731>;EP2.2.32
Heavy metals(as Pb)	Max 10ppm	USP<231>;EP2.4.8
Arsenic	Max 3ppm	USP<211>;EP2.4.2
Lead	Max 2ppm	USP<251>;EP2.4.10
Cadmium	Max 1ppm	EP2.4.3
Mercury	Max 0.1ppm	USP<261>;EP2.9.32
Total Plate Count	Max 1000 CFU/g	USP<2021>;EP2.6.12
Yeasts & Molds	Max 100 CFU/g	USP<2021>;EP2.6.12
Enterobacterial	Max 10 CFU/g	USP<2021>;EP2.6.13
<i>Salmonella</i>	Negative/25g	USP<2022>;EP2.6.13

<i>E.coli</i>	Negative/10g	USP<2022>;EP2.6.13
<i>Staphylococcus aureus</i>	Negative/10g	USP<2022>;EP2.6.13
<i>Pseudomonas aeruginosa</i>	Negative/10g	USP<2022>;EP2.6.13

Ingredients

DL-alpha-Tocopheryl Acetate 50%, Sodium Starch Octenyl Succinate 49% and Silicon Dioxide 1%. (O is short for Sodium Starch Octenyl Succinate, N is short for Silicon Dioxide)

Labeling

In the United States and the European Union: Tocobest™ Vitamin E Powder
Tocobest™ DL-alpha-Tocopheryl Acetate Powder 50% CWS ON

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.

For fortification of dry food products such as flour, milk powder and beverage powder.

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.