

TECHNICAL DATA SHEET

Tocobest™ Mixed Tocopherols Powder

30% OmZ

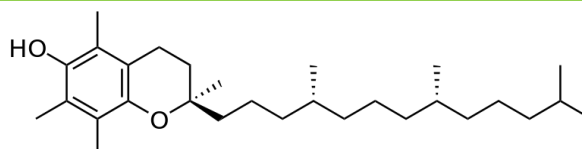
Chemical Properties

CAS No.: 59-02-9

EINECS No.: 200-412-2

Chemical Formula: $C_{29}H_{50}O_2$

Molecular Weight: 430.71

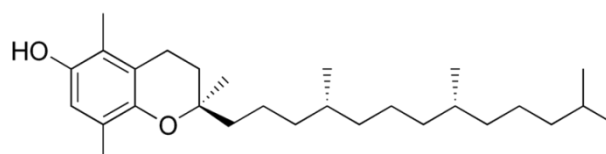


CAS number: 16698-35-4

EINECS No.: 16698-35-4

Chemical Formula: $C_{28}H_{48}O_2$

Molecular Weight: 416.68

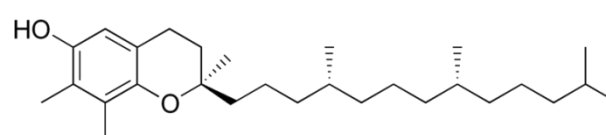


CAS number: 54-28-4

EINECS No.: 200-201-5

Chemical Formula: $C_{28}H_{48}O_2$

Molecular Weight: 416.68

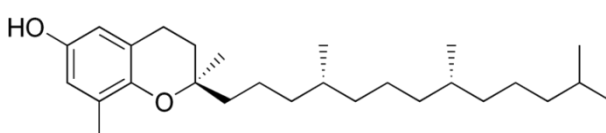


CAS number: 119-13-1

EINECS No.: 204-299-0

Chemical Formula: $C_{27}H_{46}O_2$

Molecular Weight: 402.64



Description

Mixed Tocopherols Powder 30% is a free-flowing powder, manufactured with spray drying adopting the advanced microencapsulation technology. The individual particles containing mixed tocopherols are finely dispersed in carbohydrates. The tocopherols contained in are derived from natural sources, i.e. from Non GMO soybean oil and is suitable for use as an antioxidant in Organic food products, dietary supplement, and cosmetic industry.

Solubility

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

Specification

Item	Specification	Test Method
Appearance	Off-white or yellow powder	Organoleptic
Taste	Mild characteristic	Organoleptic
Identification	The retention time of the major peak corresponds to that of the Standard solution	HPLC
Total Tocopherols	Min 30%	HPLC
Particle size	100% through 40mesh Min 80% through 80mesh	USP<786>;Ph.Eur.2.9.12
Moisture	Max 5.0%	GB 5009.3
Arsenic	Max 2.0ppm	GB 5009.76
Lead	Max 2.0ppm	GB 5009.75

Ingredients

Average contain 30% Mixed tocopherols (D-alpha and beta-, gamma-, & delta tocopherols), 13% Refined Soy oil, 2% Sodium ascorbate, 55% Sodium starch octenyl succinate.(O is short for sodium starch octenyl succinate, m is short for oy oil, Z is short for sodium ascorbate)

Labeling

In the United States and the European Union:Tocobest™ Vitamin E Powder
Mixed Tocopherols Powder 30%

Applications

Tocobest™ Natural Mixed Tocopherol 30% Powder Cor. is a natural antioxidant product used in food, dietary supplements, in feed, and in industrial applications to delay the onset of rancidity and extend shelf life of water-based systems containing fats and oils.

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

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Packaging, Storage & Shelf Life

Package	25kg/drum;or according to customers' requirements.
Storage	Store in cool and dry place. It should be protected from heat, light, oxygen and moisture.
Shelf life	2 years if sealed and stored properly.