



Address: East of Tianmu Road, Laiyang Development Zone, Yantai City, Shandong Province, 265200, China

Specification

Product Name	Tocotrienols 85% (Palm Source)
General Information	Tocotrienols, extracted from palm oil, possess unique physiological functions, including antioxidant properties, cholesterol reduction, cancer inhibition, and more. In certain aspects, they demonstrate superior efficacy compared to tocopherols, making them highly valuable for applications in health foods.

Items	Specifications	Method
Appearance, odor, and taste	Method Yellow to red-brown clear oily liquid, mild and characteristic odor.	Visual & Taste
Assay		
Total Tocotrienols and Tocopherols	≥ 85.0%	HPLC
Total tocopherols	≥ 55.0%	HPLC
Acidity	< 1.0ml	FCC
Heavy Metals		
Arsenic	≤1.0ppm	GB5009.11-2014
Lead	≤1.0ppm	GB5009.12-2010
Cadmium	≤1.0ppm	GB5009.15-2014
Mercury	≤1.0ppm	GB5009.17-2014
Microbiology		
Total plate count	≤1000cfu/g	GB/T4789.2
Yeast & Mold	≤100cfu/g	FDABAM8 th
E. coli	Negative/g	FDABAM8 th
Salmonella	Negative/25g	FDABAM8 th
Staphylococcus	Negative/10g	GB/T4789.10
Solubility	Insoluble in water; soluble in ethanol; miscible with acetone, with chloroform, with ether, and with vegetable oils.	
Package	20/25/50/200kg steel drum.	
Storage	Store in tightly closed containers, protect from light and oxygen. After opening, use up immediately or seal with nitrogen for its further storage.	
Shelf Life	The shelf life in sealed, original containers under normal storage conditions is at least 24 months after date of manufacture. Unstable when exposed to oxygen and light, particularly in the presence of oxidizing agents or in alkaline media. The product darkens slowly upon exposure to air and light.	