

# PALMTOCOS 50

Natural Mixed Tocotrienol/Tocopherol Concentrate (min 50%)



## Product Description

PALMTOCOS 50 is a yellow, reddish, viscous oil containing a natural occurring mixture of Tocotrienols and Tocopherols (min 50%w), extracted and purified from fruits of palm trees.

### Composition:

Tocopherol/Tocotrienol content [HPLC]:	min.	500 mg/g
<b>Tocotrienol content</b>	<b>min.</b>	<b>350 mg/g</b>
d- $\alpha$ -Tocotrienol		120 - 230 mg/g
d- $\beta$ -Tocotrienol		5 - 30 mg/g
d- $\gamma$ -Tocotrienol		100 - 170 mg/g
d- $\delta$ -Tocotrienol		60 - 90 mg/g
d- $\alpha$ -Tocopherol		80 - 140 mg/g
Water content	max.	0,2 %
Sterol Content		1 - 5 %
Squalene		0,5 - 5 %

### Microbial Properties:

Total Aerobic Microbial Count	max.	3000 cfu / g
Coliforms		negative/g

### Solubility

Soluble in oils and fats. Insoluble in water. Partially soluble in ethanol.

### Storage Conditions

PALMTOCOS 50 is sensitive to air, light and heat. Store in light proof, airtight containers and temperature (between 10 °C and 25 °C).

### Packaging

PALMTOCOS 50 is available in 1 kg and 10 kg container under nitrogen blanketing. Other type of packaging is available upon request.

### Application and Properties

PALMTOCOS 50 is intended for use as a source of mixed tocotrienols and tocopherols in dietary supplements and as nutrients in single entity and multivitamin soft gelatin capsules as well as in cosmetic formulations.

### Shelf Life

PALMTOCOS 50 shelf life is 24 months when stored in cool and dry place in unopened original containers.

