

DATA SHEET

Palmtocos 50

Mixed Tocotrienols



DESCRIPTION

Palmtocos 50 is a yellow brownish, viscous oil containing naturally occurring mixture of Tocotrienols and Tocopherols (min 50%w). It is extracted from the fruits of palm trees (*Elaeis guineensis*) without the use of solvents.

It contains predominantly d- α -Tocotrienol, d- γ -Tocotrienol, d- δ -Tocotrienol and d- α -Tocopherol. It is soluble in oils and fats, insoluble in water and partially soluble in ethanol. It has a mild and characteristic odour.

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

SPECIFICATIONS

Test Item	Limits	Typical Content	Test Method
Total Tocopherols and Tocotrienols	Min. 50.0%	53.7%	HPLC
Total Tocotrienols		39.2%	
d- α -Tocopherol		14.5%	
d- α -Tocotrienol		13.8%	
d- β -Tocotrienol		1.5%	
d- γ -Tocotrienol		17.8%	
d- δ -Tocotrienol		6.1%	
Moisture	Max. 5.0%		AOCS
Peroxide Value	Max. 5.0 meq/kg		AOCS
Lead (Pb)	Max. 2 ppm		AOAC
Total Plate Count	Max. 1000 cfu/g		BP
Yeast and Mould	Max. 100 cfu/g		BP
E. Coli	Absent in 1 g		BP
Salmonella	Absent in 25 g		BP

Other components: Mono, di and tri-glycerides, squalane, glycerides, phytosterol.

Packing:	Available in 5 kg bottles under nitrogen blanketing. Other type of packaging is available upon request.
Retest Date:	36 months when stored under recommended storage conditions listed above, in unopened original containers.
Storage:	Sensitive to air, light and heat. Store in light proof, airtight container, in cool (20 °C) and dry place.



GUSTAV PARMENTIER GmbH

Eichendorffstr. 37
60320 Frankfurt am Main
Germany

Phone: +49 (69) 561034
Fax: +49 (69) 568518
www.parmentier.de
info@parmentier.de