

# PALMTOCOS 30 Powder WS

## Tocotrienols from palm oil (non-GMO)



### Product Description

**PALMTOCOS 30 Powder WS** is an off-white/ yellowish powder containing Tocotrienols and Tocopherols (min 30%w). It is extracted from the fruits of palm trees (*Elaeis guineensis*) without the use of solvents.

It contains predominantly d- $\alpha$ -Tocotrienol, d- $\gamma$ -Tocotrienol, d- $\delta$ -Tocotrienol and d- $\alpha$ -Tocopherol. It is water soluble and has a mild and characteristic odour.

**PALMTOCOS 30 Powder WS** is intended for use as a source of mixed tocotrienols and tocopherols in dietary supplements as nutrients in single entity and multivitamin tablets. It is also intended for use in cosmetic formulations.

### Typical Chemical Properties

	Specifications	Typical Content	Test Method
Total Tocopherols and Tocotrienols	Min. 30.0%	32.6%	HPLC
d- $\alpha$ -Tocopherol		8.1%	
d- $\alpha$ -Tocotrienol		8.8%	
d- $\beta$ -Tocotrienol		1.1%	
d- $\gamma$ -Tocotrienol		11.3%	
d- $\delta$ -Tocotrienol		3.3%	
Particle Size	Min. 55% < 20 mesh		SAM
Bulk Density	0.35 - 0.65 g/ml		SAM
Moisture	Max. 5.0%		AOCS
Peroxide Value	Max. 5.0 meq/kg		AOCS
Lead (as 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

**Storage:** Sensitive to air, light and heat. Store in light proof, airtight container, in cool (below 30 °C) and dry place.

**Retest Date:** 24 months when stored under recommended storage conditions listed above, in unopened original containers.

**Packaging:** Available in 5kg aluminium bags under nitrogen blanketing. Other type of packaging is available upon request.

**Processing Country:** Processed and packed in Malaysia.

**Other Contents:** Maltodextrin (manioc) and modified food starch (corn).

This is a non-GMO, Kosher and Halal certified product.



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