

## NUTROLEIN - GOLDEN PALM OIL THE EXCLUSIVE

### GENERAL DESCRIPTION

**NUTROLEIN - Golden Palm Oil - THE EXCLUSIVE** is an epitome of natural goodness, preserved and signaturred by a high phyto-nutrient content. It is produced from a combination of crude palm oils extracted from carefully selected fresh fruit bunches of the commonly cultivated "*Elaeis guineensis*" and the hybrid "*Elaeis oleifera X Elaeis guineensis*" oil palms. The crude palm oil is processed, refined, double fractionated and deodorised under stringent quality control at every stage to retain the **Carotenoids** (also known as pro Vitamin A) and the **Tocopherols and Tocotrienols** (or Vitamin E).

### QUALITY PARAMETERS

### SPECIFICATION

### METHOD

FFA ( as palmitic ),%	0.10 max	AOCS Ca 5a-40
M & I,%	0.10 max	AOCS Ca 2c-25
Iodine value (Wijs), typical	64	AOCS Cd 1 -25
Cloud Point, °C	4 max	AOCS Cc 6 - 25
Slip Point, °C	16 max	AOCS Cc 3 - 25
Carotenes (total), ppm	550 min	MPOB P 2.6
Tocopherols / Tocotrienols, ppm	1100 min	AOCS Ce 8 - 89

### TYPICAL PROFILE

### PPM

<i>alpha</i> - Tocopherols	269
<i>alpha</i> - Tocotrienols	355
<i>beta</i> - Tocotrienol	46
<i>gamma</i> - Tocotrienol	397
<i>delta</i> - Tocotrienol	111

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#### FATTY ACID COMPOSITION % (TYPICAL)

Myristic	C14	0.9
Palmitic	C16	35
Palmitoleic	C16.1	0.1
Stearic	C18	3.8
Oleic	C18.1	45.9
Linoleic	C18.2	13.8
Linolenic	C18.3	0.5
Saturated		39.7
Monounsaturated		46.0
Polyunsaturated		14.3

#### NUTRITIONAL INFORMATION PER SERVING:

Serving 1 tbsp	14 g	100 g
Calories	120 kcals	900 kcals
Protein	0 g	0 g
Carbohydrates	0 g	0 g
Fat	14 g	100 g
Saturated Fat	5.6 g	39.7 g
Monounsaturated Fat	6.4 g	46 g
Polyunsaturated Fat	2 g	14.3 g
Cholesterol	0 mg	0 g
Carotenoids (Pro - Vitamin A)	7.7 mg	55 mg
Vitamin E	15.4 mg	110 mg



## **NUTROLEIN - GOLDEN PALM OIL**

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**Additives :**

none

**Packing :**

19 kg and 190 kg drums, in bulk, in glass or PET bottles as required by buyer

**Storage :**

Keep in a cool dry place and away from direct sunlight and heat