

NUTROLEIN - GOLDEN PALM OIL THE ROYAL

GENERAL DESCRIPTION

NUTROLEIN - Golden Palm Oil - THE ROYAL is a vegetable oil known today to be the richest source of natural **Carotenoids** (pro Vitamin A) and **Tocopherols** and **Tocotrienols** (Vitamin E). It is produced from crude palm oil extracted from the fresh fruit bunches of a special variety of oil palms. These oil palms are the result of hybridisation of "*Elaeis oleifera*" which is high in monounsaturates, high in Carotenoids, and Tocopherols and Tocotrienols, and the commonly cultivated "*Elaeis guineensis*" oil palms. Stringent quality control is ensured at every stage in the manufacture of the product to retain the naturally occurring nutrients.

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	70	AOCS Cd 1 -25
Cloud Point, °C	0.5 max	AOCS Cc 6 - 25
Slip Point, °C	14 max	AOCS Cc 3 - 25
Carotenes (total), ppm	800 min	MPOB P 2.6
Tocopherols / Tocotrienols, ppm	1000 min	AOCS Ce 8 - 89

TYPICAL PROFILE

PPM

<i>alpha</i> - Tocopherols	235
<i>alpha</i> - Tocotrienols	282
<i>beta</i> - Tocotrienol	23
<i>gamma</i> - Tocotrienol	566
<i>delta</i> - Tocotrienol	86



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FATTY ACID COMPOSITION % (TYPICAL)

Myristic	C14	0.4
Palmitic	C16	28
Palmitoleic	C16.1	0.4
Stearic	C18	2.7
Oleic	C18.1	51
Linoleic	C18.2	16.8
Linolenic	C18.3	0.7
Saturated		31.1
Monounsaturated		51.4
Polyunsaturated		17.5

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	4.48 g	32 g
Monounsaturated Fat	7.28 g	52 g
Polyunsaturated Fat	2.24 g	16 g
Cholesterol	0 mg	0 g
Carotenoids (Pro - Vitamin A)	11.2 mg	80 mg
Vitamin E	14 mg	100 mg



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Additives :

none

Packing :

125 ml, 250 ml and 500 ml bottles

Storage :

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