

Gracefruit Ltd

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www.gracefruit.com

VAT Number: 935 8115 14

EORI Number: GB9358 1151 4000

Company Number: SC374368



Certificate of Analysis

Description: Coconut Oil, RBD, Organic (Boxed)

Lot No: 49661

Inci Name: Cocos Nucifera (Coconut) Oil

Cas No: 8001- 31- 8

Einecs No: 232-282-8

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE @20 °C	White, light beige to yellow solid fat at room temperature	Conforms
COLOUR (LOVIBOND 5.25" CELL)	≤ 5.0 y, 1.0 r	2.1y, 0.54r
SPECIFIC GRAVITY	0.9090	N/D
FREE FATTY ACID (% AS OLEIC)	≤ 0.1	0.02
IODINE VALUE (CALC)	7 - 12	N/D
PEROXIDE VALUE (Meq O ₂ / kg)	≤ 1.0	0.0
SAPONIFICATION VALUE	248 - 264	N/D
UNSAAPONIFIABLE MATTER (%)	≤ 1.0	N/D
MELTING POINT (°C)	25 - 30	N/D

NUCLEAR MAGNETIC RESONANCE	NMR	RANGE (%)	RESULT
	10 °C	77 - 83	80.71
	20 °C	29 - 38	37.05
	30 °C	N/S	9.21

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CHAIN	RANGE	RESULT
	CAPRYLIC	C 8:0	2 - 16	9.8
	CAPRIC	C10:0	2 - 16	6.8
	LAURIC	C12:0	40 - 58	46.8
	MIRISTIC	C14:0	12 - 22	17.2
	PALMITIC	C 16:0	4 - 12	8.6
	STEARIC	C18:0	1 - 4	2.8
	OLEIC	C 18:1	3 - 12	6.2
	LINOLEIC	C 18:2	1 - 4	1.5

Certification Body: The Soil Association

Date Produced: September 2013

Best Before: March 2015

R00139

Revised: 30/10/2013 JD