

Gracefruit Ltd

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[www.gracefruit.com](http://www.gracefruit.com)

VAT Number: 935 8115 14

EORI Number: GB9358 1151 4000

Company Number: SC374368



# Certificate of Analysis

**Description:** Avocado Oil, CP, Organic

**Lot No:** 94203

**Inci Name:** Persea Gratissima (Avocado) Oil

**Cas No:** 8024-32-6

**Einecs No:** 232-428-0

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE @ 20°C	Clear golden green to green liquid	Complies
ODOUR	Characteristic, without off-smell	Complies
RELATIVE DENSITY @ 25°C	0.912 – 0.923	0.912
REFRACTIVE INDEX @ 20°C	1.460 – 1.470	1.468
FREE FATTY ACID (% AS OLEIC)	≤ 3.0	0.98
IODINE VALUE (WIJS)	64 - 95	80
PEROXIDE VALUE (Meq / kg)	≤ 10.0	<5.0
SAPONIFICATION VALUE	187 - 197	196
UNSAPONIFIABLE mAtter (%)	N/S	N/D
ACID VALUE (mgKOH/g)	≤ 6.0	1.96

	ACID NAME	C-CHAIN	RANGE	RESULT
<b>FATTY ACID PROFILE (MAJOR ACIDS)</b>	LESS THAN C16	<C16:0	≤ 2.0	< 1.5
	PALMITIC	C16:0	5.0 – 25.0	19.06
	PALMITOLEIC	C16:1	1.0 – 12.0	7.58
	STEARIC	C18:0	≤ 3.0	1.18
	OLEIC	C18:1	50.0 – 74.0	59.50
	LINOLEIC	C18:2	6.0 – 20.0	11.13
	ALPHA LINOLENIC	C18:3	≤ 3.0	0.57
	ICOSANOIC	C20:0	≤ 1.0	N/D
	ICOSENOIC	C20:1	≤ 0.5	N/D
	DOCOSANOIC	C22:0	≤ 0.5	<0.05
	TETRACOSANOIC	C24:0	≤ 0.5	<0.05

Manufacture date: July 2014

Retest Date: January 2015

Best Before: January 2016

Origin: South Africa

R00069

Revised: 14/01/2015