

# Gracefruit Ltd

146 Glasgow Road, Longcroft, Stirlingshire, FK4 1QL

[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:** 38965

**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	0.914
REFRACTIVE INDEX @ 20°C	1.460 – 1.470	1.468
FREE FATTY ACID (% AS OLEIC)	3.0	1.4
IODINE VALUE (WIJS)	64 - 95	Complies
PEROXIDE VALUE (Meq / kg)	10.0	8.98
SAPONIFICATION VALUE	187 - 197	Complies
UNSAPONIFIABLE mAtter (%)	N/S	Complies
ACID VALUE (mgKOH/g)	6.0	2.80

	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	Complies
	PALMITOLEIC	C16:1	1.0 – 12.0	Complies
	STEARIC	C18:0	3.0	Complies
	OLEIC	C18:1	50.0 – 74.0	Complies
	LINOLEIC	C18:2	6.0 – 20.0	Complies
	ALPHA LINOLENIC	C18:3	3.0	Complies
	ICOSANOIC	C20:0	1.0	Complies
	ICOSENOIC	C20:1	0.5	Complies
	DOCOSANOIC	C22:0	0.5	<0.05
	TETRACOSANOIC	C24:0	0.5	<0.05

Re- test date September 2013

Best Before: March 2015

R00069

Revised: 27/09/2013 JD