

# 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:** Peach Kernel Oil, Refined

**Lot No:** 64626

**Inci Name:** Prunus Persica (Peach) Kernel Oil

**Cas No:** 8002-78-6, 8023-98-1

**Einecs No:** N/A

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE	Clear, light yellow liquid	Complies
ODOUR	Almost odourless	Complies
COLOUR (LOVIBOND 5.25" CELL)	20y, 2.0r	N/D
RELATIVE DENSITY @ 20°C (g/cm <sup>3</sup> )	0.910 – 0.920	0.915
REFRACTIVE INDEX @ 20°C (nr)	1.464 – 1.473	1.471
IODINE VALUE (CALC)	95 - 115	104
FREE FATTY ACID (% AS OLEIC)	0.5	0.1
PEROXIDE VALUE (Meq O <sub>2</sub> / kg)	4.0	0.6
SAPONIFICATION VALUE	185 - 195	191
UNSAPONIFIABLE MATTER	1.5	0.7
ACID VALUE	1.0	0.2

	ACID NAME	C-CHAIN	RANGE	RESULT
<b>FATTY ACID PROFILE (MAJOR ACIDS)</b>	PALMITIC	C16:0	4.0 - 7.0	5.8
	PALMITOLEIC	C16:1	1.0	0.1
	STEARIC	C18:0	1.5 - 3.0	2.5
	OLEIC	C18:1	55 - 70	65.5
	LINOLEIC	C18:2	18 - 30	24.4
	ALPHA LINOLENIC	C18:3	1.5	0.3
	ICOSANOIC	C20:0	0.5	0.3
	ICOSENOIC	C20:1	0.5	0.2
	DOCOSANOIC	C22:0	0.3	0.3
	TETRACOSANOIC	C24:0	0.5	0.3
	OTHERS		1.0	N/D

Date Produced: February 2014

Best Before: August 2015

Spec: R00315

Revised: 17/03/2014 GD