

Gracefruit Ltd

146 Glasgow Road, Longcroft, Stirlingshire, FK4 1QL

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: 23232

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	8.0 y, 1.0r
RELATIVE DENSITY @ 20°C (g/cm ³)	0.910 – 0.920	0.916
REFRACTIVE INDEX @ 20°C (nr)	1.464 – 1.473	1.470
IODINE VALUE (CALC)	95 - 115	105
FREE FATTY ACID (% AS OLEIC)	0.5	0.1
PEROXIDE VALUE (Meq O ₂ / kg)	4.0	1.0
SAPONIFICATION VALUE	185 - 195	192
UNSAPONIFIABLE MATTER	1.5	0.8
ACID VALUE	1.0	0.2

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CHAIN	RANGE	RESULT
	PALMITIC	C16:0	4.0 - 7.0	6.3
	PALMITOLEIC	C16:1	1.0	0.10
	STEARIC	C18:0	1.5 - 3.0	2.4
	OLEIC	C18:1	55 - 70	63.6
	LINOLEIC	C18:2	18 - 30	25.7
	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	0.2
	OTHERS		1.0	Complies

Date Produced: January 2013

Re-tested: January 2014

Best Before: January 2015

Spec: Z30-1/01

Revised: 09.01.2014 PB