

Gracefruit Ltd
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VAT Number: 935 8115 14
 EORI Number: GB9358 1151 4000
 Company Number: SC374368

Certificate of Analysis

Description: Jojoba Oil, Golden

LOT No: 101738

Inci Name: Simmondsia Chinensis (Jojoba) Oil

Cas No: 90045-98-0

Einecs No: 289-964-3

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE	Clear bright golden oily liquid	Complies
ODOUR	Typical oily	Complies
REFRACTIVE INDEX @ 20°C	1.460 – 1.486	1.467
RELATIVE DENSITY @ 25°C (G/CM ³)	0.860 – 0.870	0.868
FREE FATTY ACID (% AS OLEIC)	≤ 5	0.175
IODINE VALUE (CALC)	80 - 90	83.0
PEROXIDE VALUE (Meq O ₂ / kg)	≤ 5	1.14
SAPONIFICATION VALUE (mg KOH / g)	88 – 98	95
UNSAAPONIFIABLE MATTER (mg KO / g)	45 -55	52.4
ACID VALUE (KOH/ G OIL (MG))	≤ 10	0.35

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CHAIN	RANGE	RESULT
	PALMITIC	C16:0	≤ 3.0	1.13
	PALMITOLEIC	C16:1	≤ 1.0	0.16
	STEARIC	C18:0	≤ 0.1	<0.05
	OLEIC	C18:1	5.0-15	10.14
	EICOSENOIC	C20:1	65-80	71.26
	BEHENIC	C22:0	≤ 1.0	0.24
	ERUCIC	C22:1	10-20	14.9
	NERVONIC	C24:1	≤ 3.0	<0.05
	OTHERS		≤ 3.0	0.07

Date Produced: October 2014

Best Before: August 2017

R00436

23/01/2015