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: **Rice Bran Oil, Refined** **Lot No:** **83401**

Inci Name: **Oryza Sativa (Rice) Bran Oil**

Cas No: **68553-81-1** **Einecs No:** **271-397-8**

ANALYTICAL DETAILS	RANGE	RESULT
DESCRIPTION	Clear yellowish oil	Complies
ODOUR	Characteristic of the product, free from foreign and rancid odours and flavours.	Complies
COLOUR (LOVIBOND 5.25" CELL)	≤ 30 y, 2.5 r	20y,1.5r
RELATIVE DENSITY @ 20℃ (gr/ml)	0.915 – 0.923	0.919
REFRACTIVE INDEX @ 40℃	1.468 – 1.473	1.470
FREE FATTY ACID (% AS OLEIC)	≤ 0.5	0.06
IODINE VALUE (CALC)	100 - 110	102.19
PEROXIDE VALUE (Meq O_2/ kg)	≤ 3.0	0.34
SAPONIFICATION VALUE	180 – 195	189.50
ACID VALUE (Mg KOH/g)	≤ 1.0	0.12

	ACID NAME	C-CHAIN	RANGE	RESULT
FATTY ACID PROFILE (MAJOR ACIDS)	PALMITIC STEARIC OLEIC LINOLEIC ALPHA LINOLENIC ICOSANOIC	C16:0 C18:0 C18:1 C18:2 C18:3 C20:0	12.0 – 18.0 1.0 – 4.0 40.0 – 50.0 30.0 – 40.0 ≤ 2.0 ≤ 1.0	12.18 2..23 48.86 33.33 0.69 0.62

Date Produced: July 2014 Best Before: November 2015

R00531

03/12/2014