

CERTIFICATE OF ANALYSIS
HAZELNUT OIL

Customer:	Gracefruit Limited	Order No:	-
Quantity:	1 x 25 litres	Batch No:	KMO9260
Date:	11.12.2017	Code No:	-
Supplier Ref:	0414/17		

Appearance: Clear bright golden yellow oil, with virtually no odour or flavour.

TEST	SPECIFICATION	ANALYSIS
Acid Value	0.2 maximum	0.1
Free Fatty Acid (% as oleic)	0.1 maximum	Complies
Peroxide Value (meqO ₂ /kg)	2.0 maximum	1.0
Iodine Value	87 - 102	94
Refractive Index @ 40°C	1.462 – 1.464	1.463
Specific Gravity @ 20°C	0.912 – 0.918	0.916
Saponification Value	187 – 195	191
Colour (Lovibond 5.25" cell)	25.0 Yellow maximum	Complies
	3.5 Red maximum	0.6

FATTY ACID PROFILE (%)		
C16:0 Palmitic Acid	4 – 10	4.8
C18:0 Stearic Acid	1 - 4	2.6
C18:1 Oleic Acid	70 - 84	77.5
C18:2 Linoleic Acid	9 - 19	13.3
C18:3 Alpha Linolenic Acid	1.5 maximum	0.2
C20:0 Arachidic	1.0 maximum	0.2

Date of Manufacture: March 2017
Date of Expiry: March 2019

Product approved by Mr. K Mealand
 This COA is produced electronically therefore no signature is required.

