

# 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:** Shea Butter, Refined

**LOT No:** 73511

**Inci Name:** Butyrospermum Parkii (Shea) Butter

**Cas Nos:** 194043-92-0 / 91080-23-8

**Einecs No:** 293-515-7

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE	Solid fat	Conforms
COLOUR	Off-white to ivory	Conforms
FLAVOUR AND TASTE	Neutral	Conforms
COLOUR (LOVIBOND 5.25" CELL)	≤ 3 r, 40y	0.7 r, 3.4y
COLOUR (GARDNER)	≤ 4	N/D
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.04
PEROXIDE VALUE (Meq O <sub>2</sub> / kg)	≤ 10.0	0.2
ACID VALUE (mg KOH/g)	≤ 2.0	0.08
CITRIC ACID (PPM)	≤ 10.0	N/D
WATER CONTENT (%)	≤ 0.05	N/D

	ACID NAME	C-CAHIN	RANGE	RESULT
<b>FATTY ACID PROFILE (MAJOR ACIDS)</b>	PALMITIC	C16:0	3.0 – 7.0	3.2
	PALMITOLEIC	C16:1	≤ 0.1	Not detected
	STEARIC	C18:0	39.0 – 47.0	40.0
	OLEIC	C18:1	42.0 – 47.0	49.4
	LINOLEIC	C18:2	4.0 – 7.0	5.7
	ALPHA LINOLENIC	C18:3	≤ 0.1	0.0
	ICOSANOIC	C20:0	1.0 – 3.0	1.5
	ICOSENOIC	C20:1	≤ 1.0	< 0.4
	DOCOSANOIC	C22:0	≤ 0.5	0.0
	OTHERS		≤ 1.0	0.0

Date Produced: May 2014

Best Before: May 2015

R00807

28/05/2014