

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: **78022**

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	0.5 r, 3.7y
COLOUR (GARDNER)	≤ 4	0.5
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.07
PEROXIDE VALUE (Meq O <sub>2</sub> / kg)	≤ 10.0	0.7
ACID VALUE (mg KOH/g)	≤ 2.0	0.14
CITRIC ACID (PPM)	≤ 10.0	N/D
WATER CONTENT (%)	≤ 0.05	0.00

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CAHIN	RANGE	RESULT
	PALMITIC	C16:0	3.0 – 7.0	3.7
	PALMITOLEIC	C16:1	≤ 0.1	0.0
	STEARIC	C18:0	39.0 – 47.0	44.2
	OLEIC	C18:1	42.0 – 47.0	44.3
	LINOLEIC	C18:2	4.0 – 7.0	6.4
	ALPHA LINOLENIC	C18:3	≤ 0.1	0.0
	ICOSANOIC	C20:0	1.0 – 3.0	1.4
	ICOSENOIC	C20:1	≤ 1.0	< 0.02
	DOCOSANOIC	C22:0	≤ 0.5	0.0
	OTHERS		≤ 1.0	0.0

Date Produced: March 2014

Best Before: September 2015

R00807

05/08/2014