

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: Shea Butter, Refined

Lot No: 47708

Inci Name: Butyrospermum Parkii (Shea) Butter

Cas No: 194043-92-0

Einecs No: -

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE	Ivory White to pale Yellow	Conforms
FLAVOUR AND TASTE	Neutral	Conforms
COLOUR (LOVIBOND 5.25" CELL)	3 r, 40y	0.6r 3.6y
COLOUR (GARDNER)	4	0.6
FREE FATTY ACID (% AS OLEIC)	1.0	0.30
IODINE VALUE (CALC)	55 – 70	Conforms
PEROXIDE VALUE (Meq O ₂ / kg)	10.0	0.4
SAPONIFICATION VALUE	170 – 190	Conforms
UNSAAPONIFIABLE MATTER	4 – 9	Conforms
ACID VALUE (mg KOH/g)	2.0	0.60
CITRIC ACID (PPM)	10.0	Conforms
MELTING POINT (°C)	28 - 45	Conforms
WATER CONTENT (%)	0.05	0.04

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	N/D	
STEARIC	C18:0	39.0 - 47.0	41.8	
OLEIC	C18:1	42.0 - 47.0	46.9	
LINOLEIC	C18:2	4.0 - 7.0	5.9	
ALPHA LINOLENIC	C18:3	0.1	N/D	
ICOSANOIC	C20:0	1.0 - 3.0	1.2	
ICOSENOIC	C20:1	1.0	0.5	
DOCOSANOIC	C22:0	0.5	N/D	
OTHERS		1.0	N/D	

Date Produced: October 2013

Best Before: October 2015

R00807

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