

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: 70328

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	0.3 r, 3.3y
COLOUR (GARDNER)	≤ 4	0.1
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.08
PEROXIDE VALUE (Meq O ₂ / kg)	≤ 10.0	0.1
ACID VALUE (mg KOH/g)	≤ 2.0	0.16
CITRIC ACID (PPM)	≤ 10.0	< 10.0
WATER CONTENT (%)	≤ 0.05	0.02

FATTY ACID PROFILE (MAJOR ACIDS)	ACID NAME	C-CAHIN	RANGE	RESULT
	PALMITIC	C16:0	3.0 – 7.0	4.0
PALMITOLEIC	C16:1	≤ 0.1	Not detected	
STEARIC	C18:0	39.0 – 47.0	44.0	
OLEIC	C18:1	42.0 – 47.0	44.0	
LINOLEIC	C18:2	4.0 – 7.0	6.1	
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: October 2014

Best Before: October 2015

R00807

06/05/2014