

Gracefruit Ltd
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 VAT Number: 935 8115 14
 EORI Number: GB9358 1151 4000
 Company Number: SC374368

Certificate of Analysis

Description: Shea Butter, Refined

LOT No: 115926

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	0.5r, 4.4y
COLOUR (GARDNER)	≤ 4	0.8
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.04
PEROXIDE VALUE (Meq O ₂ / kg)	≤ 10.0	0.0
ACID VALUE (mg KOH/g)	≤ 2.0	0.08
WATER CONTENT (%)	≤ 0.05	0.01

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	45.2
	OLEIC	C18:1	42.0 – 47.0	42.8
	LINOLEIC	C18:2	4.0 – 7.0	6.6
	ALPHA LINOLENIC	C18:3	0.1 – 0.3	0.2
	ICOSANOIC	C20:0	1.0 – 3.0	1.3
	ICOSENOIC	C20:1	≤ 1.0	0.2
	DOCOSANOIC	C22:0	≤ 0.5	0.0

Date Produced: April 2015

Best Before: October 2016

R00807

07/05/2015