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 Company Number: SC374368

# *Certificate of Analysis*

**Description:** Shea Butter, Refined **LOT No:** 88773

**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	0.4 r, 2.9 y
COLOUR (GARDNER)	≤ 4	0.4
FREE FATTY ACID (% AS OLEIC)	≤ 1.0	0.05
PEROXIDE VALUE (Meq O <sub>2</sub> / kg)	≤ 10.0	0.3
ACID VALUE (mg KOH/g)	≤ 2.0	0.8
CITRIC ACID (PPM)	≤ 10.0	N/D
WATER CONTENT (%)	≤ 0.05	0.03

<b>FATTY ACID PROFILE (MAJOR ACIDS)</b>	ACID NAME	C-CAHIN	RANGE	RESULT
	PALMITIC	C16:0	3.0 – 7.0	3.5
	PALMITOLEIC	C16:1	≤ 0.1	0.0
	STEARIC	C18:0	39.0 – 47.0	43.3
	OLEIC	C18:1	42.0 – 47.0	45.4
	LINOLEIC	C18:2	4.0 – 7.0	5.9
	ALPHA LINOLENIC	C18:3	≤ 0.1	0.0
	ICOSANOIC	C20:0	1.0 – 3.0	1.4
	ICOSENOIC	C20:1	≤ 1.0	0.0
	DOCOSANOIC	C22:0	≤ 0.5	0.0
	OTHERS		≤ 1.0	0.0

Date Produced: September 2014

Best Before: March 2016

R00807

03/10/2014