



CERTIFICATE OF ANALYSIS
SHEA OIL

Customer:	The Soap Kitchen	Order No:	-
Quantity:	1 x 25 kilo container	Batch No:	KMO4125
Date:	26.06.2019	Code No:	-
Supplier Ref:	91080-23-8		

TEST	SPECIFICATION	ANALYSIS
Acid Value (mg KOH/g)	0.5 maximum	0.07
Iodine Value (gI ₂ /100)	75 - 90	89.5
Saponification Value (mg KOH/g)	175 - 195	192.7
Peroxide Value (meq O ₂ /kg)	2.0 maximum	0.5
Colour (Lovibond 5¼" cell)	50.0 yellow	9.8
	5.0 red	1.1
Cloud Point (°C)	+10	Pass
Pour Point (°C)	+5	Pass

FATTY ACID COMPOSITION (%)			
C12:0	Lauric	0.1 maximum	Traces
C14:0	Myristic	0.2 maximum	0.05
C16:0	Palmitic	3.5 - 6.5	4.54
C16:1	Palmitoleic	1.5 maximum	0.18
C18:0	Stearic	5 - 9	5.22
C18:1	Oleic	68 - 78	77.46
C18:2	Linoleic	7 - 18	10.82
C18:3	Alpha Linolenic	0.5 maximum	0.08

Date of Manufacture: June 2019
Date of Expiry: June 2021

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