



The Soap Kitchen (2011) Ltd  
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**CERTIFICATE OF ANALYSIS**  
**SHEA OIL**

Customer:		Order No:	-
Quantity:	1 x 25 kilo container	Batch No:	KMO5647
Date:	27.08.2020	Code No:	-
Supplier Ref:	6033A20/01		

TEST	SPECIFICATION	ANALYSIS
Acid Value (mg KOH/g)	0.5 maximum	0.08
Iodine Value (gI <sub>2</sub> /100)	75 - 90	89.7
Saponification Value (mg KOH/g)	175 - 195	193.6
Peroxide Value (meq O <sub>2</sub> /kg)	2.0 maximum	0.5
Colour (Lovibond 5¼" cell)	50.0 yellow	6.8
	5.0 red	0.8
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	Traces
C16:0 Palmitic	3.5 - 6.5	4.40
C16:1 Palmitoleic	1.5 maximum	0.13
C18:0 Stearic	5 - 9	5.02
C18:1 Oleic	68 - 78	76.85
C18:2 Linoleic	7 - 18	11.42
C18:3 Alpha Linolenic	0.5 maximum	0.09

Date of Manufacture: July 2020  
Date of Expiry: July 2022

This COA is produced electronically therefore no signature is required.