



The Soap Kitchen Limited
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CERTIFICATE OF ANALYSIS
SHEA OIL

Customer:	The Soap Kitchen	Order No:	113499
Quantity:	1 x 25 kilo container	Batch No:	KMO8129
Date:	30.11.2020	Code No:	OIL066
Supplier Ref:	6033120/01		

TEST	SPECIFICATION	ANALYSIS
Acid Value (mg KOH/g)	0.5 maximum	0.08
Iodine Value (gI ₂ /100)	75 - 90	89.5
Saponification Value (mg KOH/g)	175 - 195	193.4
Peroxide Value (meq O ₂ /kg)	2.0 maximum	0.4
Colour (Lovibond 5¼" cell)	50.0 yellow	4.3
	5.0 red	0.5
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	4.48
C16:1 Palmitoleic	1.5 maximum	0.13
C18:0 Stearic	5 - 9	5.04
C18:1 Oleic	68 - 78	77.60
C18:2 Linoleic	7 - 18	10.79
C18:3 Alpha Linolenic	0.5 maximum	0.06

Date of Manufacture: November 2020
Date of Expiry: November 2022

This COA is produced electronically therefore no signature is required.